ACIDIC PRECIPITATION IN ONTARIO STUDY

ANNUAL STATISTICS OF CONCENTRATION AND DEPOSITION – CUMULATIVE PRECIPITATION MONITORING NETWORK 1987

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1987

Report prepared by:
Atmospheric Research and Special Projects Section
Air Resources Branch
Ontario Ministry of the Environment

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This report was prepared by Diane Green of the APIOS Atmospheric Deposition and Chemistry Program. However, the data themselves are a product of the combined efforts of many individuals. Precipitation samples were collected by a large number of site operators, whose names cannot be individually mentioned here, under the coordination of the APIOS environmental technicians Scott Kennedy (in the Southwestern Region), Steve Elliott (in Southeastern Region), Wim Smits (in Northwestern Region), Bill Trayling (Northeastern Region), and J.P. Varto (in Central Region). Sample handling was carried out by Sue Lampinen and Gail Fielding. Chemical analyses were performed at the Laboratory Services Branch under the coordination of Frank Tomassini. Invaluable clerical and computer assistance were provided by Peter Maheras, Joseph Lamb and Roberto Banchon. All enquiries regarding the reported data should be directed to Neville Reid, Coordinator, Atmospheric Deposition and Chemistry Program, at (416) 326-1691.

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Golden Lake	17	100
Gowganda	25	101
Killarney	23	102
Lac La Croix	33	103
Mattawa	22	105
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Merlin	02	107
Moonbeam	27	108
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PART I

INTRODUCTION

INTRODUCTION

This report was prepared by Diane Green. The statistical summaries presented in this report pertain to the 1987 analytical results obtained from the Acidic Precipitation in Ontario Study (APIOS) cumulative precipitation monitoring network. The relevant data can be obtained on request from the Air Resources Branch of The Ontario Ministry of the Environment. All available data are utilized in the calculations except results reported as being unreliable (i.e., results are identified as unreasonable values by using the validation procedures; detailed description of the validation procedures is available from the Ministry upon request) or approximate (i.e., inexact results are reported due to laboratory difficulties, such as may be encountered in calibration, or when the sample cannot be re-analyzed to confirm the reported value). In a very few cases, concentration levels exceeded the upper limit of the range of the chemical analysis. Rather than using the upper limit, a decision was made to exclude these values from the statistics generated in this report. Reported results for metals which have missing leachate analysis are also excluded from statistical analysis. Results labelled as <W are replaced by "zero". W is the level which the analytical technique cannot distinguish from zero. Prior to 1986, if a level was recorded less than the detection limit T, a value corresponding to one half the detection limit was utilized for statistical calculations as reported in the statistical summaries. These values are no longer halved. Note that T is normally about ten times W, and values above the T criteria are considered to be precise and accurate.

The reported cumulative precipitation gauge depth (or an interpolated value from Environment Canada's CLIMAT data) is utilized in the calculation of deposition. If a precipitation gauge value is not available, then the collected sample volume is converted to its equivalent precipitation depth and is used in the deposition calculation.

The statistical summaries presented in Parts III to VI include number of samples, mean (arithmetic/geometric), standard deviation (arithmetic/geometric), maximum, minimum, quartiles and precipitation weighted means using precipitation gauge depths where appropriate. These statistics are for an average sampling period. Data which correspond to irregular sampling periods are either combined if they are from consecutive collection periods which span 28d $\pm$ 5d, or deleted, before the statistics are generated.

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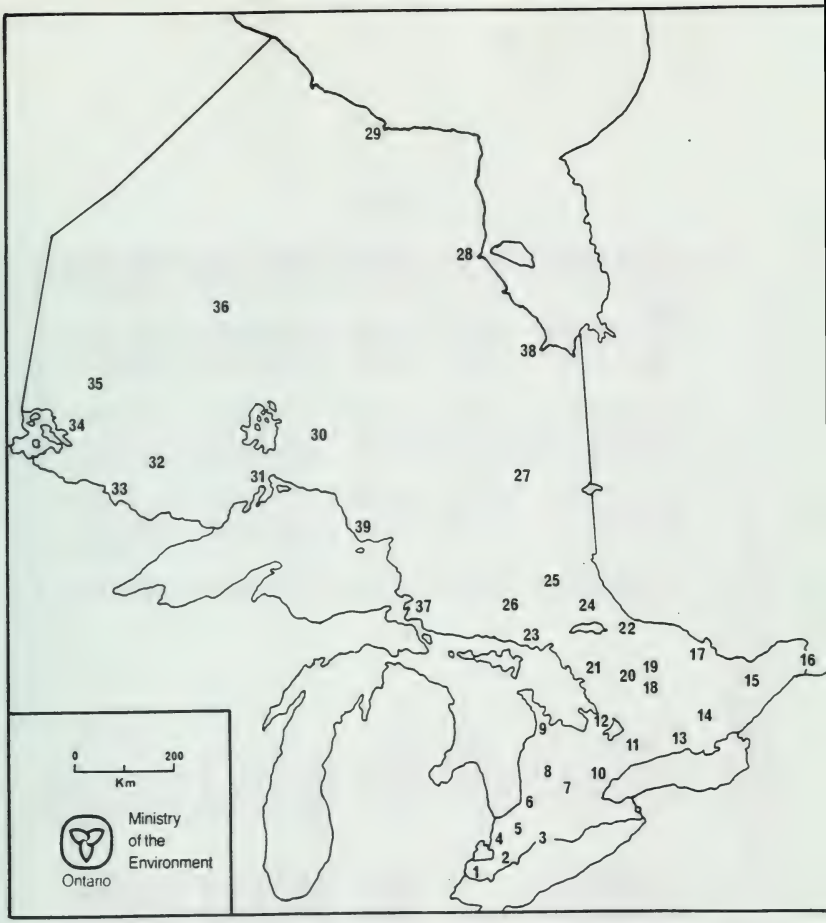
PART II

STATION DESCRIPTION AND LOCATION MAP



1. Colchester*
2. Merlin
3. Pt. Stanley*
4. Wilkesport*
5. Alvinston
6. Huron Park
7. Waterloo
8. Palmerston*
9. Shallow Lake*
10. Milton (removed March '84)
11. Uxbridge*
12. Coldwater
13. Campbellford*
14. Cloyne* (repl. Kalladar, June '83)
15. Smith's Falls*
16. Dalhousie Mills*
17. Golden Lake*
18. Wilberforce
19. Whitney
20. Dorset*
21. McKellar*
22. Mattawa*
23. Killarney*
24. Bear Island
25. Gowganda*
26. Azure Lake (repl. Ramsey, June '83)
27. Moonbeam*
28. Attawapiskat (rem. Feb '84)
29. Winisk (rem. Dec '86)
30. Geraldton (replaced Nakina, Aug '83)
31. Dorion*
32. Quetico Centre*
33. Lac la Croix
34. Experimental Lakes Area
35. Ear Falls*
36. Pickle Lake*
37. Turkey Lake*
38. Moosonee* (installed October '85)
39. Otter Island* (summer only)
40. Sutton, Quebec (Intercomparison Site)

* indicates both a wet and dry deposition network site

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS-ACIDIC PRECIPITATION IN ONTARIO STUDY
CUMULATIVE PRECIPITATION SITES

STATION ID	MOE REGION	STATION NAME	ELEV (M)	LATITUDE (NORTH)	LONGITUDE (WEST)	UTM GRID CO-ORDINATES (NORTHING)	(EASTING)
000001-01-01-1041	SOUTHWESTERN	COLCHESTER	183	41°59'15"	82°55'41"	4649973	340284
000001-01-01-1051	SOUTHWESTERN	MERLIN	191	42°14'47"	82°13'28"	4677645	398983
000001-01-01-1061	SOUTHWESTERN	PORT STANLEY	213	42°40'22"	81°09'55"	4724277	486457
000001-01-01-1071	SOUTHWESTERN	WILKESPORT	183	42°42'11"	82°21'13"	4728515	389135
000001-01-01-1081	SOUTHWESTERN	ALVINSTON	221	42°49'00"	81°50'05"	4740580	431759
000001-01-01-1091	SOUTHWESTERN	SHALLOW LAKE	229	44°34'54"	81°06'58"	4936270	490782
000001-01-01-1101	SOUTHWESTERN	PALMERSTON	389	43°48'19"	80°54'12"	4850035	507776
000001-01-01-1191	SOUTHWESTERN	HURON PARK	250	43°17'28"	81°30'03"	4793050	459370
000001-01-01-2021	SOUTHWESTERN	WATERLOO	343	43°28'39"	80°35'10"	4813710	533474
000001-01-01-3011	CENTRAL	DORSET	320	45°13'26"	78°55'50"	5009656	662429
000001-01-01-3061	CENTRAL	UXBRIDGE	244	44°12'46"	79°12'38"	4896847	642958
000001-01-01-3071	CENTRAL	WILBERFORCE	396	45°00'54"	78°12'56"	4988172	719406
000001-01-01-3081	CENTRAL	CAMPBELLFORD	175	44°17'28"	77°47'33"	4907783	277202
000001-01-01-3101	CENTRAL	COLDWATER	280	44°37'31"	79°32'08"	4942152	616174
000001-01-01-4061	SOUTHEASTERN	SMITH'S FALLS	122	44°56'41"	75°57'48"	4977044	423999
000001-01-01-4071	SOUTHEASTERN	DALHOUSIE MILLS	69	45°19'00"	74°28'13"	5018048	541521
000001-01-01-4081	SOUTHEASTERN	GOLDEN LAKE	160	45°36'48"	77°12'03"	5053226	328397
000001-01-01-4091	SOUTHEASTERN	CLOYNE	259	44°49'10"	77°11'07"	4964999	327221
000001-01-01-4161	SOUTHEASTERN	PT.PETRE	84	43°50'20"	77°09'10"	4856016	326930
000001-01-01-5011	NORTHEASTERN	MCKELLAR	244	45°31'15"	79°55'19"	5041158	584196
000001-01-01-5021	NORTHEASTERN	KILLARNEY	183	45°58'20"	81°29'18"	5090859	462167
000001-01-01-5031	NORTHEASTERN	MATTAWA	198	46°16'39"	78°49'19"	5126968	667810
000001-01-01-5041	NORTHEASTERN	BEAR ISLAND	305	46°58'22"	80°04'30"	5202336	570362
000001-01-01-5061	NORTHEASTERN	GOWGANDA	343	47°39'04"	80°46'32"	5277329	516647
000001-01-01-5071	NORTHEASTERN	MOONBEAM	244	49°19'40"	82°01'10"	5464175	425924
000001-01-01-5091	NORTHEASTERN	WHITNEY	412	45°32'21"	78°15'35"	5046283	713946
000001-01-01-5141	NORTHEASTERN	TURKEY LAKES	440	47°03'15"	84°24'20"	5214246	697468
000001-01-01-5151	NORTHEASTERN	AZURE LAKE	427	47°28'13"	81°52'30"	5257579	434062
000001-01-01-5161	NORTHEASTERN	MOOSONEE	8	51°12'35"	80°42'20"	5672970	520568
000001-01-01-6011	NORTHWESTERN	DORION	244	48°50'33"	88°36'45"	5410982	381684
000001-01-01-6031	NORTHWESTERN	EAR FALLS	350	50°38'31"	93°13'13"	5609814	484424
000001-01-01-6041	NORTHWESTERN	PICKLE LAKE	360	51°02'41"	90°12'04"	5658308	696198
000001-01-01-6061	NORTHWESTERN	LAC LA CROIX	368	48°21'14"	92°12'32"	5355719	558611
000001-01-01-6071	NORTHWESTERN	QUETICO CENTRE	420	48°24'44"	91°12'08"	5363461	633036
000001-01-01-6091	NORTHWESTERN	E.L.A.	123	49°39'50"	93°43'16"	5501292	447960
000001-01-01-6111	NORTHWESTERN	OTTER ISLAND	204	48°06'50"	86°04'25"	5329155	568954
000001-01-01-6121	NORTHWESTERN	GERALDTON	350	49°48'18"	86°45'52"	5516758	516950
000001-01-01-7011	QUEBEC	SUTTON	243	45°04'35"	72°40'35"	4993846	682898

PART III

SUMMARY STATISTICS OF PRECIPITATION CONCENTRATION BY STATION

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION

STATION=ALVINSTON MIC TYPE A SITE NO.1

	EQUIVALENT PREC. DEPTH MM	VOLUME ML	CONDUCT UMHO/CM	LAB.PH	ACIDITY TFE	SULFATE MG/L
# OF SAMPLES :	13.0	13	13	13	13	13
MAXIMUM :	83.0	3108	62.00	5.31	.	7.70
MINIMUM :	14.0	98	21.00	3.93	.	2.00
ARITH. MEAN :	47.8	1361	36.15	4.32	.	3.95
ARITH. STD. DEV :	23.2	890	12.96	0.35	.	2.02
GEOM. MEAN :	41.6	998	34.21	4.31	.	3.50
1ST QUARTILE :	26.6	573	26.32	4.12	.	2.10
2ND QUARTILE :	40.0	1276	30.59	4.31	.	3.00
3RD QUARTILE :	69.0	1916	47.94	4.37	.	5.76
VOL. WGT. MEAN :	.	1727	35.25	.	.	3.63
MISSING VALUES :	0.0	0	1	1	13	1

	NITRATE MG/L	CALCIUM MG/L	CHLORIDE MG/L	KJELDAHL MG/L	MAGNESIUM MG/L	POTASSIUM MG/L	SODIUM MG/L
# OF SAMPLES :	13	13	13	13	13	13	13
MAXIMUM :	2.10	4.00	0.79	1.230	0.360	0.265	0.365
MINIMUM :	0.35	0.20	0.13	0.210	0.030	0.015	0.030
ARITH. MEAN :	0.81	0.78	0.32	0.543	0.108	0.080	0.116
ARITH. STD. DEV :	0.47	1.06	0.19	0.332	0.100	0.085	0.105
GEOM. MEAN :	0.72	0.52	0.28	0.462	0.081	0.051	0.086
1ST QUARTILE :	0.53	0.34	0.19	0.250	0.051	0.026	0.045
2ND QUARTILE :	0.64	0.42	0.25	0.480	0.067	0.040	0.080
3RD QUARTILE :	0.85	0.54	0.39	0.840	0.119	0.132	0.129
VOL. WGT. MEAN :	0.67	0.50	0.26	0.492	0.075	0.068	0.085
MISSING VALUES :	1	1	1	2	1	1	1

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION

---------- STATION=ALVINSTON MIC TYPE A SITE NO.1 ----------

	AMMONIUM	PHOSPHOR	MANGANESE	NICKEL	ZINC	IRON	LEAD
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
# OF SAMPLES :	13	13	13	13	13	13	13
MAXIMUM :	1.080	0.039	0.072	0.0097	0.008	0.429	0.054
MINIMUM :	0.150	0.000	0.001	0.0002	0.001	0.011	0.003
ARITH. MEAN :	0.476	0.013	0.010	0.0014	0.004	0.085	0.013
ARITH. STD. DEV :	0.281	0.014	0.020	0.0028	0.003	0.125	0.018
GEOM. MEAN :	0.401	0.012	0.004	0.0005	0.004	0.042	0.008
1ST QUARTILE :	0.211	0.000	0.002	0.0002	0.001	0.022	0.003
2ND QUARTILE :	0.427	0.007	0.003	0.0002	0.004	0.030	0.006
3RD QUARTILE :	0.681	0.026	0.008	0.0014	0.008	0.097	0.012
VOL. WGT. MEAN :	0.428	0.012	0.005	0.0007	0.003	0.047	0.017
MISSING VALUES :	1	2	1	1	10	1	6

	VANADIUM	ALUMINUM	COPPER	CADMIUM	ACIDITY GRAN	FREEH+ LAB
	MG/L	MG/L	MG/L	MG/L	UG/L	UG/L
# OF SAMPLES :	13	13	13	13	13	13.00
MAXIMUM :	0.0008	1.023	0.0099	0.0063	149.00	117.49
MINIMUM :	0.0004	0.008	0.0009	0.0000	35.00	4.90
ARITH. MEAN :	0.0005	0.152	0.0027	0.0009	88.62	58.09
ARITH. STD. DEV :	0.0002	0.297	0.0029	0.0020	30.25	31.11
GEOM. MEAN :	0.0005	0.052	0.0020	0.0001	83.64	47.59
1ST QUARTILE :	0.0004	0.016	0.0014	0.0000	71.05	42.18
2ND QUARTILE :	0.0004	0.046	0.0017	0.0000	83.05	48.42
3RD QUARTILE :	0.0007	0.193	0.0026	0.0008	103.40	75.12
VOL. WGT. MEAN :	0.0005	0.097	0.0022	0.0005	93.25	48.98
MISSING VALUES :	1	2	5	1	1	1.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION

---------- STATION=AZURE LAKE MIC TYPE A SITE NO.1 ----------

	EQUIVALENT PREC. DEPTH MM	VOLUME ML	CONDUCT UMHO/CM	LAB.PH	ACIDITY TFE	SULFATE MG/L
# OF SAMPLES :	14.0	14	14	14	14	14
MAXIMUM :	81.0	2218	24.50	5.15	.	4.00
MINIMUM :	16.4	304	7.00	4.20	.	0.70
ARITH. MEAN :	40.6	1032	19.05	4.50	.	1.93
ARITH. STD. DEV :	21.1	615	4.96	0.25	.	1.01
GEOM. MEAN :	35.9	874	18.22	4.50	.	1.69
1ST QUARTILE :	23.9	533	16.13	4.33	.	1.02
2ND QUARTILE :	38.0	941	20.85	4.44	.	1.75
3RD QUARTILE :	55.8	1302	22.08	4.61	.	2.72
VOL. WGT. MEAN :	.	1299	18.61	.	.	1.84
MISSING VALUES :	0.0	0	0	0	14	1

	NITRATE MG/L	CALCIUM MG/L	CHLORIDE MG/L	KJELDAHL MG/L	MAGNESIUM MG/L	POTASSIUM MG/L	SODIUM MG/L
# OF SAMPLES :	14	14	14	14	14	14	14
MAXIMUM :	0.66	0.94	0.32	1.000	0.190	0.130	0.145
MINIMUM :	0.17	0.04	0.00	0.080	0.000	0.000	0.005
ARITH. MEAN :	0.37	0.24	0.09	0.302	0.030	0.025	0.047
ARITH. STD. DEV :	0.14	0.23	0.09	0.241	0.048	0.037	0.042
GEOM. MEAN :	0.35	0.17	0.10	0.238	0.021	0.021	0.032
1ST QUARTILE :	0.26	0.09	0.03	0.127	0.010	0.000	0.019
2ND QUARTILE :	0.36	0.16	0.08	0.235	0.012	0.010	0.030
3RD QUARTILE :	0.45	0.34	0.12	0.395	0.036	0.037	0.087
VOL. WGT. MEAN :	0.33	0.20	0.08	0.267	0.024	0.021	0.038
MISSING VALUES :	0	0	0	0	0	0	0

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION

---------- STATION=AZURE LAKE MIC TYPE A SITE NO.1 ----------

	AMMONIUM	PHOSPHOR	MANGANESE	NICKEL	ZINC	IRON	LEAD
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
# OF SAMPLES :	14	14	14	14	14	14	14
MAXIMUM :	0.740	0.042	0.018	0.0005	0.005	0.094	0.017
MINIMUM :	0.045	0.000	0.001	0.0002	0.002	0.006	0.003
ARITH. MEAN :	0.239	0.007	0.003	0.0003	0.003	0.023	0.009
ARITH. STD. DEV :	0.188	0.012	0.005	0.0001	0.001	0.023	0.006
GEOM. MEAN :	0.182	0.007	0.002	0.0002	0.003	0.017	0.008
1ST QUARTILE :	0.101	0.000	0.001	0.0002	0.002	0.010	0.004
2ND QUARTILE :	0.180	0.002	0.001	0.0002	0.002	0.013	0.008
3RD QUARTILE :	0.331	0.007	0.002	0.0002	0.004	0.028	0.015
VOL. WGT. MEAN :	0.210	0.005	0.003	0.0002	0.003	0.019	0.010
MISSING VALUES :	0	0	0	0	9	0	8

	VANADIUM	ALUMINUM	COPPER	CADMIUM	ACIDITY GRAN	FREEH+ LAB
	MG/L	MG/L	MG/L	MG/L	UG/L	UG/L
# OF SAMPLES :	14	14	14	14	14	14.00
MAXIMUM :	0.0007	0.099	0.0038	0.0005	77.40	63.10
MINIMUM :	0.0004	0.013	0.0004	0.0000	28.60	7.08
ARITH. MEAN :	0.0004	0.035	0.0023	0.0001	57.89	35.55
ARITH. STD. DEV :	0.0001	0.025	0.0011	0.0001	14.51	15.51
GEOM. MEAN :	0.0004	0.029	0.0019	0.0000	55.87	31.31
1ST QUARTILE :	0.0004	0.019	0.0018	0.0000	46.05	25.10
2ND QUARTILE :	0.0004	0.027	0.0022	0.0000	62.30	35.89
3RD QUARTILE :	0.0004	0.040	0.0034	0.0000	66.90	46.81
VOL. WGT. MEAN :	0.0004	0.031	0.0019	0.0001	57.15	33.88
MISSING VALUES :	0	3	7	0	0	0.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION

STATION=BEAR ISLAND MIC TYPE A SITE NO.1

	EQUIVALENT PREC. DEPTH MM	VOLUME ML	CONDUCT UMHO/CM	LAB.PH	ACIDITY TFE	SULFATE MG/L
# OF SAMPLES :	12	12	12	12	12	12
MAXIMUM :	12.0	2306	52.16	5.17	.	6.05
MINIMUM :	107.1	505	3.00	4.03	.	0.40
ARITH. MEAN :	14.9	1262	25.59	4.42	.	2.72
ARITH. STD. DEV :	58.8	654	13.85	0.34	.	1.71
GEOM. MEAN :	28.7	1106	20.73	4.41	.	2.08
1ST QUARTILE :	50.9	735	13.00	4.15	.	1.05
2ND QUARTILE :	30.7	1150	27.30	4.35	.	2.85
3RD QUARTILE :	61.8	1883	34.90	4.65	.	3.80
VOL. WGT. MEAN :	80.6	1352	24.40	.	.	2.54
MISSING VALUES :	.	1	1	1	12	1
	0.0					

	NITRATE MG/L	CALCIUM MG/L	CHLORIDE MG/L	KJELDAHL MG/L	MAGNESIUM MG/L	POTASSIUM MG/L	SODIUM MG/L
# OF SAMPLES :	12	12	12	12	12	12	12
MAXIMUM :	0.85	0.64	0.16	0.760	0.160	0.375	0.145
MINIMUM :	0.10	0.00	0.03	0.040	0.000	0.000	0.000
ARITH. MEAN :	0.39	0.28	0.08	0.333	0.047	0.075	0.065
ARITH. STD. DEV :	0.21	0.26	0.05	0.229	0.051	0.104	0.046
GEOM. MEAN :	0.34	0.22	0.07	0.256	0.034	0.062	0.055
1ST QUARTILE :	0.22	0.08	0.05	0.220	0.010	0.015	0.015
2ND QUARTILE :	0.37	0.14	0.05	0.260	0.025	0.050	0.070
3RD QUARTILE :	0.50	0.60	0.12	0.380	0.075	0.090	0.105
VOL. WGT. MEAN :	0.38	0.25	0.08	0.319	0.046	0.085	0.059
MISSING VALUES :	1	1	1	1	1	1	1

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION

STATION=BEAR ISLAND MIC TYPE A SITE NO.1

	AMMONIUM	PHOSPHOR	MANGANESE	NICKEL	ZINC	IRON	LEAD
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
# OF SAMPLES :	12	12	12	12	12	12	12
MAXIMUM :	0.615	0.114	0.013	0.0027	0.008	0.061	0.010
MINIMUM :	0.005	0.000	0.001	0.0002	0.002	0.008	0.002
ARITH. MEAN :	0.249	0.019	0.003	0.0007	0.004	0.022	0.005
ARITH. STD. DEV :	0.186	0.034	0.004	0.0007	0.003	0.016	0.003
GEOM. MEAN :	0.144	0.011	0.002	0.0005	0.004	0.018	0.004
1ST QUARTILE :	0.080	0.002	0.001	0.0002	0.002	0.012	0.002
2ND QUARTILE :	0.215	0.008	0.001	0.0005	0.003	0.016	0.004
3RD QUARTILE :	0.375	0.016	0.004	0.0008	0.007	0.029	0.007
VOL. WGT. MEAN :	0.233	0.022	0.003	0.0007	0.004	0.020	0.004
MISSING VALUES :	1	1	1	1	8	2	6

	VANADIUM	ALUMINUM	COPPER	CADMIUM	ACIDITY GRAN	FREEH+ LAB
	MG/L	MG/L	MG/L	MG/L	UG/L	UG/L
# OF SAMPLES :	12	12	12	12	12	12.00
MAXIMUM :	0.0004	0.073	0.0019	0.0004	119.00	93.33
MINIMUM :	0.0004	0.015	0.0006	0.0000	28.50	6.76
ARITH. MEAN :	0.0004	0.033	0.0013	0.0001	70.05	46.73
ARITH. STD. DEV :	0.0000	0.020	0.0006	0.0001	27.41	27.16
GEOM. MEAN :	0.0004	0.029	0.0012	0.0000	64.56	37.62
1ST QUARTILE :	0.0004	0.016	0.0007	0.0000	43.40	22.39
2ND QUARTILE :	0.0004	0.027	0.0013	0.0000	67.80	44.67
3RD QUARTILE :	0.0004	0.048	0.0019	0.0001	90.90	70.79
VOL. WGT. MEAN :	0.0004	0.031	0.0013	0.0001	68.64	6.76
MISSING VALUES :	1	4	8	1	1	1.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION

STATION=CAMPBELLFORD MIC TYPE A SITE NO.1

	EQUIVALENT PREC. DEPTH MM	VOLUME ML	CONDUCT UMHO/CM	LAB.PH	ACIDITY TFE	SULFATE MG/L
# OF SAMPLES :	13.0	13	13	13	13	13
MAXIMUM :	100.8	2586	56.00	4.62	.	6.15
MINIMUM :	20.0	411	14.00	3.91	.	1.30
ARITH. MEAN :	58.0	1502	34.01	4.22	.	3.31
ARITH. STD. DEV :	22.0	660	13.19	0.18	.	1.57
GEOM. MEAN :	53.8	1338	31.51	4.22	.	2.96
1ST QUARTILE :	47.0	1060	21.50	4.12	.	1.92
2ND QUARTILE :	55.0	1377	35.50	4.21	.	3.15
3RD QUARTILE :	72.0	2071	41.75	4.29	.	4.55
VOL. WGT. MEAN :	.	1713	33.44	.	.	3.24
MISSING VALUES :	0.0	0	0	0	13	0

	NITRATE MG/L	CALCIUM MG/L	CHLORIDE MG/L	KJELDAHL MG/L	MAGNESIUM MG/L	POTASSIUM MG/L	SODIUM MG/L
# OF SAMPLES :	13	13	13	13	13	13	13
MAXIMUM :	1.18	0.64	0.54	0.920	0.100	0.055	0.315
MINIMUM :	0.32	0.08	0.12	0.100	0.005	0.000	0.020
ARITH. MEAN :	0.67	0.33	0.21	0.435	0.041	0.020	0.070
ARITH. STD. DEV :	0.26	0.20	0.11	0.237	0.031	0.019	0.078
GEOM. MEAN :	0.62	0.27	0.19	0.373	0.030	0.019	0.052
1ST QUARTILE :	0.46	0.18	0.16	0.250	0.017	0.002	0.030
2ND QUARTILE :	0.61	0.24	0.18	0.370	0.030	0.015	0.045
3RD QUARTILE :	0.90	0.57	0.21	0.625	0.067	0.040	0.072
VOL. WGT. MEAN :	0.60	0.30	0.19	0.402	0.039	0.017	0.056
MISSING VALUES :	0	0	0	0	0	0	0

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION

---------- STATION=CAMPBELLFORD MIC TYPE A SITE NO.1 ----------

	AMMONIUM	PHOSPHOR	MANGANESE	NICKEL	ZINC	IRON	LEAD
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
# OF SAMPLES :	13	13	13	13	13	13	13
MAXIMUM :	0.900	0.017	0.013	0.0007	0.003	0.045	0.021
MINIMUM :	0.050	0.000	0.001	0.0002	0.001	0.009	0.001
ARITH. MEAN :	0.392	0.004	0.004	0.0003	0.002	0.023	0.009
ARITH. STD. DEV :	0.259	0.005	0.004	0.0002	0.001	0.013	0.007
GEOM. MEAN :	0.307	0.004	0.003	0.0003	0.002	0.020	0.007
1ST QUARTILE :	0.195	0.000	0.001	0.0002	0.001	0.014	0.003
2ND QUARTILE :	0.360	0.003	0.003	0.0002	0.001	0.019	0.008
3RD QUARTILE :	0.567	0.005	0.008	0.0005	0.003	0.035	0.016
VOL. WGT. MEAN :	0.359	0.003	0.004	0.0003	0.002	0.020	0.009
MISSING VALUES :	0	0	0	0	10	1	5

	VANADIUM	ALUMINUM	COPPER	CADMIUM	ACIDITY GRAN	FREEH+ LAB
	MG/L	MG/L	MG/L	MG/L	UG/L	UG/L
# OF SAMPLES :	13	13	13	13	13	13.00
MAXIMUM :	0.0007	0.056	0.0018	0.0002	130.00	123.03
MINIMUM :	0.0004	0.012	0.0007	0.0000	49.30	23.99
ARITH. MEAN :	0.0004	0.026	0.0013	0.0000	92.64	64.90
ARITH. STD. DEV :	0.0001	0.015	0.0007	0.0001	22.61	24.58
GEOM. MEAN :	0.0004	0.023	0.0011	0.0000	89.81	60.47
1ST QUARTILE :	0.0004	0.015	0.0007	0.0000	74.90	51.63
2ND QUARTILE :	0.0004	0.019	0.0013	0.0000	93.00	61.66
3RD QUARTILE :	0.0004	0.036	0.0018	0.0001	108.00	75.88
VOL. WGT. MEAN :	0.0004	0.024	0.0011	0.0000	88.40	61.66
MISSING VALUES :	0	4	11	0	0	0.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION

STATION=CLOYNE MIC TYPE A SITE NO.1

	EQUIVALENT PREC. DEPTH MM	VOLUME ML	CONDUCT UMHO/CM	LAB.PH	ACIDITY TFE	SULFATE MG/L
# OF SAMPLES :	11.0	11	11	11	11	11
MAXIMUM :	120.0	3514	38.50	4.86	.	5.25
MINIMUM :	4.7	521	8.00	4.08	.	1.10
ARITH. MEAN :	63.2	1703	28.27	4.34	.	2.59
ARITH. STD. DEV :	37.2	1090	11.08	0.25	.	1.51
GEOM. MEAN :	48.6	1384	25.38	4.33	.	2.25
1ST QUARTILE :	35.0	666	18.38	4.20	.	1.42
2ND QUARTILE :	57.0	1516	31.50	4.26	.	1.92
3RD QUARTILE :	106.7	2619	37.11	4.47	.	3.99
VOL. WGT. MEAN :	.	2336	28.37	.	.	2.91
MISSING VALUES :	0.0	3	3	3	11	3

	NITRATE MG/L	CALCIUM MG/L	CHLORIDE MG/L	KJELDAHL MG/L	MAGNESIUM MG/L	POTASSIUM MG/L	SODIUM MG/L
# OF SAMPLES :	11	11	11	11	11	11	11
MAXIMUM :	0.93	0.74	0.60	1.170	0.120	0.090	0.410
MINIMUM :	0.01	0.06	0.13	0.190	0.010	0.010	0.020
ARITH. MEAN :	0.57	0.23	0.31	0.489	0.047	0.040	0.177
ARITH. STD. DEV :	0.30	0.22	0.17	0.307	0.045	0.027	0.153
GEOM. MEAN :	0.37	0.17	0.27	0.424	0.032	0.032	0.109
1ST QUARTILE :	0.36	0.09	0.16	0.282	0.016	0.017	0.042
2ND QUARTILE :	0.58	0.16	0.28	0.410	0.022	0.032	0.137
3RD QUARTILE :	0.84	0.26	0.43	0.590	0.099	0.061	0.310
VOL. WGT. MEAN :	0.52	0.22	0.22	0.468	0.054	0.033	0.095
MISSING VALUES :	3	3	3	3	3	3	3

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION

STATION=CLOYNE MIC TYPE A SITE NO.1

	AMMONIUM	PHOSPHOR	MANGANESE	NICKEL	ZINC	IRON	LEAD
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
# OF SAMPLES :	11	11	11	11	11	11	11
MAXIMUM :	0.900	0.025	0.014	0.0014	0.001	0.061	0.010
MINIMUM :	0.050	0.000	0.001	0.0002	0.001	0.010	0.001
ARITH. MEAN :	0.341	0.008	0.005	0.0005	0.001	0.031	0.005
ARITH. STD. DEV :	0.274	0.010	0.005	0.0005	.	0.017	0.004
GEOM. MEAN :	0.254	0.008	0.003	0.0004	0.001	0.026	0.003
1ST QUARTILE :	0.174	0.001	0.001	0.0002	0.001	0.015	0.002
2ND QUARTILE :	0.250	0.004	0.003	0.0002	0.001	0.028	0.003
3RD QUARTILE :	0.519	0.019	0.007	0.0009	0.001	0.042	0.009
VOL. WGT. MEAN :	0.371	0.006	0.004	0.0004	0.001	0.026	0.004
MISSING VALUES :	3	3	4	4	10	4	6

	VANADIUM	ALUMINUM	COPPER	CADMIUM	ACIDITY GRAN	FREEH+ LAB
	MG/L	MG/L	MG/L	MG/L	UG/L	UG/L
# OF SAMPLES :	11	11	11	11	11	11.00
MAXIMUM :	0.0004	0.036	0.0020	0.0010	96.50	83.18
MINIMUM :	0.0004	0.007	0.0003	0.0000	38.60	13.80
ARITH. MEAN :	0.0004	0.028	0.0010	0.0002	78.34	51.24
ARITH. STD. DEV :	0.0000	0.014	0.0008	0.0004	21.54	21.21
GEOM. MEAN :	0.0004	0.023	0.0008	0.0001	75.03	45.84
1ST QUARTILE :	0.0004	0.013	0.0003	0.0000	58.42	34.66
2ND QUARTILE :	0.0004	0.034	0.0007	0.0001	87.35	54.97
3RD QUARTILE :	0.0004	0.036	0.0019	0.0003	94.65	62.39
VOL. WGT. MEAN :	0.0004	0.024	0.0007	0.0002	79.18	53.70
MISSING VALUES :	4	7	5	4	3	3.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION

---------- STATION=COLCHESTER MIC TYPE A SITE NO.1 ----------

	EQUIVALENT PREC. DEPTH MM	VOLUME ML	CONDUCT UMHO/CM	LAB.PH	ACIDITY TFE	SULFATE MG/L
# OF SAMPLES :	13.0	13	13	13	13	13
MAXIMUM :	157.0	4012	73.00	5.11	.	8.10
MINIMUM :	12.6	279	13.50	3.90	.	1.80
ARITH. MEAN :	69.1	1721	38.03	4.30	.	4.26
ARITH. STD. DEV :	37.4	1001	15.51	0.33	.	2.01
GEOM. MEAN :	59.1	1421	35.11	4.29	.	3.85
1ST QUARTILE :	40.0	813	27.22	4.07	.	2.65
2ND QUARTILE :	64.0	1578	37.49	4.21	.	4.10
3RD QUARTILE :	91.8	2392	44.00	4.48	.	5.85
VOL. WGT. MEAN :	.	2202	36.92	.	.	4.52
MISSING VALUES :	0.0	0	0	0	13	0

	NITRATE MG/L	CALCIUM MG/L	CHLORIDE MG/L	KJELDAHL MG/L	MAGNESIUM MG/L	POTASSIUM MG/L	SODIUM MG/L
# OF SAMPLES :	13	13	13	13	13	13	13
MAXIMUM :	1.19	1.94	0.79	7.000	0.490	0.250	0.355
MINIMUM :	0.15	0.14	0.11	0.280	0.030	0.015	0.025
ARITH. MEAN :	0.69	0.57	0.31	1.163	0.113	0.073	0.098
ARITH. STD. DEV :	0.29	0.49	0.18	1.792	0.119	0.069	0.094
GEOM. MEAN :	0.62	0.44	0.27	0.713	0.086	0.051	0.073
1ST QUARTILE :	0.49	0.27	0.19	0.390	0.060	0.025	0.045
2ND QUARTILE :	0.65	0.42	0.27	0.540	0.085	0.050	0.060
3RD QUARTILE :	0.87	0.62	0.38	1.075	0.097	0.102	0.112
VOL. WGT. MEAN :	0.61	0.60	0.25	1.340	0.110	0.082	0.088
MISSING VALUES :	0	0	0	0	0	0	0

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION

STATION=COLCHESTER MIC TYPE A SITE NO.1

	AMMONIUM	PHOSPHOR	MANGANESE	NICKEL	ZINC	IRON	LEAD
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
# OF SAMPLES :	13	13	13	13	13	13	13
MAXIMUM :	0.970	0.083	0.019	0.0024	0.009	0.180	0.021
MINIMUM :	0.160	0.000	0.001	0.0002	0.006	0.008	0.003
ARITH. MEAN :	0.536	0.016	0.004	0.0005	0.007	0.040	0.012
ARITH. STD. DEV :	0.282	0.024	0.005	0.0007	0.002	0.044	0.007
GEOM. MEAN :	0.465	0.012	0.003	0.0003	0.007	0.029	0.010
1ST QUARTILE :	0.285	0.001	0.002	0.0002	0.006	0.022	0.006
2ND QUARTILE :	0.430	0.007	0.003	0.0002	0.007	0.028	0.012
3RD QUARTILE :	0.822	0.017	0.004	0.0003	0.009	0.034	0.019
VOL. WGT. MEAN :	0.550	0.020	0.004	0.0005	0.007	0.033	0.014
MISSING VALUES :	0	0	0	0	11	0	8

	VANADIUM	ALUMINUM	COPPER	CADMIUM	ACIDITY GRAN	FREEH+ LAB
	MG/L	MG/L	MG/L	MG/L	UG/L	UG/L
# OF SAMPLES :	13	13	13	13	13	13.00
MAXIMUM :	0.0010	0.177	0.0095	0.0012	170.00	125.89
MINIMUM :	0.0004	0.012	0.0007	0.0000	43.80	7.76
ARITH. MEAN :	0.0005	0.058	0.0027	0.0002	94.64	61.41
ARITH. STD. DEV :	0.0002	0.057	0.0031	0.0003	40.60	33.59
GEOM. MEAN :	0.0004	0.042	0.0017	0.0001	86.78	50.03
1ST QUARTILE :	0.0004	0.025	0.0008	0.0000	62.35	34.58
2ND QUARTILE :	0.0004	0.037	0.0011	0.0001	92.30	61.66
3RD QUARTILE :	0.0004	0.058	0.0044	0.0001	114.50	85.93
VOL. WGT. MEAN :	0.0005	0.040	0.0028	0.0002	90.75	7.76
MISSING VALUES :	0	1	5	0	0	0.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION

STATION=COLDWATER MIC TYPE A SITE NO.1

	EQUIVALENT PREC. DEPTH MM	VOLUME ML	CONDUCT UMHO/CM	LAB.PH	ACIDITY TFE	SULFATE MG/L
# OF SAMPLES :	13.0	13	13	13	13	13
MAXIMUM :	128.0	3390	47.00	6.98	.	6.75
MINIMUM :	21.0	123	14.00	4.06	.	1.05
ARITH. MEAN :	63.7	1594	26.51	4.81	.	2.89
ARITH. STD. DEV :	32.3	943	11.06	1.02	.	1.85
GEOM. MEAN :	56.1	1261	24.52	4.73	.	2.42
1ST QUARTILE :	35.0	931	17.20	4.22	.	1.32
2ND QUARTILE :	66.0	1552	22.25	4.38	.	2.37
3RD QUARTILE :	83.0	2156	36.25	4.76	.	4.31
VOL. WGT. MEAN :	.	1949	25.11	.	.	2.67
MISSING VALUES :	0.0	0	1	1	13	1

	NITRATE MG/L	CALCIUM MG/L	CHLORIDE MG/L	KJELDAHL MG/L	MAGNESIUM MG/L	POTASSIUM MG/L	SODIUM MG/L
# OF SAMPLES :	13	13	13	13	13	13	13
MAXIMUM :	1.09	1.22	0.35	3.950	0.180	1.990	0.130
MINIMUM :	0.30	0.04	0.00	0.120	0.005	0.000	0.015
ARITH. MEAN :	0.54	0.35	0.15	0.789	0.056	0.235	0.064
ARITH. STD. DEV :	0.23	0.35	0.10	1.154	0.055	0.570	0.041
GEOM. MEAN :	0.50	0.22	0.14	0.432	0.033	0.044	0.053
1ST QUARTILE :	0.36	0.12	0.06	0.212	0.012	0.006	0.031
2ND QUARTILE :	0.50	0.29	0.14	0.295	0.047	0.030	0.045
3RD QUARTILE :	0.64	0.45	0.24	0.860	0.075	0.104	0.106
VOL. WGT. MEAN :	0.53	0.32	0.15	0.823	0.049	0.229	0.068
MISSING VALUES :	1	1	1	3	1	1	1

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION

STATION=COLDWATER MIC TYPE A SITE NO.1

	AMMONIUM	PHOSPHOR	MANGANESE	NICKEL	ZINC	IRON	LEAD
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
# OF SAMPLES :	13	13	13	13	13	13	13
MAXIMUM :	2.850	0.485	0.008	0.0004	0.008	0.100	0.011
MINIMUM :	0.030	0.000	0.001	0.0000	0.002	0.010	0.000
ARITH. MEAN :	0.580	0.059	0.003	0.0002	0.005	0.040	0.005
ARITH. STD. DEV :	0.798	0.151	0.002	0.0001	0.003	0.032	0.004
GEOM. MEAN :	0.314	0.012	0.002	0.0002	0.004	0.030	0.005
1ST QUARTILE :	0.200	0.003	0.001	0.0002	0.002	0.016	0.001
2ND QUARTILE :	0.300	0.006	0.002	0.0002	0.004	0.026	0.003
3RD QUARTILE :	0.720	0.022	0.004	0.0002	0.007	0.064	0.009
VOL. WGT. MEAN :	0.606	0.060	0.003	0.0002	0.004	0.035	0.004
MISSING VALUES :	2	3	1	1	8	3	8

	VANADIUM	ALUMINUM	COPPER	CADMIUM	ACIDITY GRAN	FREEH+ LAB
	MG/L	MG/L	MG/L	MG/L	UG/L	UG/L
# OF SAMPLES :	13	13	13	13	13	13.00
MAXIMUM :	0.0008	0.335	0.0028	0.0002	108.00	87.10
MINIMUM :	0.0004	0.007	0.0004	0.0000	26.90	0.10
ARITH. MEAN :	0.0004	0.075	0.0013	0.0000	64.10	38.84
ARITH. STD. DEV :	0.0001	0.097	0.0009	0.0001	24.92	26.87
GEOM. MEAN :	0.0004	0.042	0.0010	0.0000	59.35	15.52
1ST QUARTILE :	0.0004	0.019	0.0004	0.0000	40.90	17.48
2ND QUARTILE :	0.0004	0.041	0.0012	0.0000	66.40	41.28
3RD QUARTILE :	0.0004	0.099	0.0020	0.0001	85.37	59.98
VOL. WGT. MEAN :	0.0004	0.054	0.0014	0.0000	61.19	38.90
MISSING VALUES :	1	3	6	1	1	1.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION

---------- STATION=DALHOUSIE MILLS MIC TYPE A SITE NO.1 ----------

	EQUIVALENT PREC. DEPTH MM	VOLUME ML	CONDUCT UMHO/CM	LAB.PH	ACIDITY TFE	SULFATE MG/L
# OF SAMPLES :	13.0	13	13	13	13	13
MAXIMUM :	103.9	3296	47.00	6.81	.	6.35
MINIMUM :	27.0	282	14.00	4.01	.	1.40
ARITH. MEAN :	60.8	1469	30.80	4.46	.	3.16
ARITH. STD. DEV :	26.3	1082	11.16	0.76	.	1.62
GEOM. MEAN :	55.5	1055	28.69	4.42	.	2.83
1ST QUARTILE :	40.0	419	19.50	4.13	.	1.91
2ND QUARTILE :	55.0	1318	35.25	4.27	.	2.57
3RD QUARTILE :	89.0	2605	36.27	4.45	.	4.80
VOL. WGT. MEAN :	.	1852	30.86	.	.	3.29
MISSING VALUES :	0.0	1	1	1	13	1

	NITRATE MG/L	CALCIUM MG/L	CHLORIDE MG/L	KJELDAHL MG/L	MAGNESIUM MG/L	POTASSIUM MG/L	SODIUM MG/L
# OF SAMPLES :	13	13	13	13	13	13	13
MAXIMUM :	1.32	0.76	0.87	1.100	0.535	0.110	0.445
MINIMUM :	0.31	0.12	0.06	0.260	0.015	0.010	0.015
ARITH. MEAN :	0.69	0.31	0.32	0.606	0.144	0.036	0.135
ARITH. STD. DEV :	0.34	0.18	0.26	0.278	0.188	0.033	0.138
GEOM. MEAN :	0.62	0.27	0.23	0.552	0.070	0.026	0.075
1ST QUARTILE :	0.36	0.17	0.11	0.350	0.031	0.011	0.026
2ND QUARTILE :	0.62	0.27	0.22	0.560	0.040	0.025	0.080
3RD QUARTILE :	0.94	0.35	0.55	0.740	0.169	0.056	0.226
VOL. WGT. MEAN :	0.62	0.28	0.24	0.555	0.093	0.035	0.096
MISSING VALUES :	1	1	1	2	1	1	1

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION

STATION=DALHOUSIE MILLS MIC TYPE A SITE NO.1

	AMMONIUM	PHOSPHOR	MANGANESE	NICKEL	ZINC	IRON	LEAD
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
# OF SAMPLES :	13	13	13	13	13	13	13
MAXIMUM :	0.920	0.046	0.014	0.0007	0.012	0.042	0.021
MINIMUM :	0.130	0.000	0.001	0.0002	0.005	0.007	0.003
ARITH. MEAN :	0.399	0.013	0.006	0.0003	0.009	0.026	0.007
ARITH. STD. DEV :	0.203	0.014	0.005	0.0002	0.004	0.010	0.008
GEOM. MEAN :	0.357	0.010	0.005	0.0003	0.008	0.023	0.005
1ST QUARTILE :	0.257	0.004	0.003	0.0002	0.005	0.018	0.003
2ND QUARTILE :	0.352	0.007	0.004	0.0003	0.011	0.025	0.005
3RD QUARTILE :	0.494	0.018	0.011	0.0004	0.012	0.036	0.013
VOL. WGT. MEAN :	0.413	0.010	0.005	0.0003	0.008	0.023	0.006
MISSING VALUES :	1	2	1	1	10	2	8

	VANADIUM	ALUMINUM	COPPER	CADMIUM	ACIDITY GRAN	FREEH+ LAB
	MG/L	MG/L	MG/L	MG/L	UG/L	UG/L
# OF SAMPLES :	13	13	13	13	13	13.00
MAXIMUM :	0.0008	0.118	0.0134	0.0010	158.00	97.72
MINIMUM :	0.0004	0.007	0.0003	0.0000	16.70	0.15
ARITH. MEAN :	0.0005	0.048	0.0031	0.0001	87.17	54.97
ARITH. STD. DEV :	0.0001	0.036	0.0052	0.0003	36.41	27.52
GEOM. MEAN :	0.0004	0.033	0.0010	0.0000	77.67	34.28
1ST QUARTILE :	0.0004	0.014	0.0003	0.0000	63.32	35.69
2ND QUARTILE :	0.0004	0.046	0.0006	0.0000	87.40	53.93
3RD QUARTILE :	0.0004	0.070	0.0061	0.0000	112.50	74.13
VOL. WGT. MEAN :	0.0004	0.037	0.0016	0.0002	87.10	74.13
MISSING VALUES :	1	4	7	1	1	1.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION

---------- STATION=DORION MIC TYPE A SITE NO.1 ----------

	EQUIVALENT PREC. DEPTH MM	VOLUME ML	CONDUCT UMHO/CM	LAB.PH	ACIDITY TFE	SULFATE MG/L
# OF SAMPLES :	13.0	13	13	13	13	13
MAXIMUM :	105.1	3666	42.99	6.76	.	4.35
MINIMUM :	4.5	87	7.00	4.13	.	0.90
ARITH. MEAN :	41.6	1121	17.82	4.83	.	1.64
ARITH. STD. DEV :	28.2	1036	9.64	0.65	.	0.86
GEOM. MEAN :	31.3	645	15.80	4.79	.	1.52
1ST QUARTILE :	16.2	155	10.50	4.42	.	1.22
2ND QUARTILE :	39.0	764	15.13	4.76	.	1.40
3RD QUARTILE :	54.0	1597	23.45	4.95	.	1.75
VOL. WGT. MEAN :	.	1745	13.43	.	.	1.39
MISSING VALUES :	0.0	0	0	0	13	0

	NITRATE MG/L	CALCIUM MG/L	CHLORIDE MG/L	KJELDAHL MG/L	MAGNESIUM MG/L	POTASSIUM MG/L	SODIUM MG/L
# OF SAMPLES :	13	13	13	13	13	13	13
MAXIMUM :	0.94	0.68	0.54	1.100	0.140	0.090	0.415
MINIMUM :	0.00	0.08	0.00	0.140	0.010	0.005	0.015
ARITH. MEAN :	0.39	0.24	0.22	0.402	0.037	0.033	0.147
ARITH. STD. DEV :	0.26	0.19	0.20	0.253	0.036	0.030	0.160
GEOM. MEAN :	0.35	0.20	0.18	0.351	0.028	0.021	0.080
1ST QUARTILE :	0.19	0.13	0.04	0.250	0.017	0.007	0.035
2ND QUARTILE :	0.30	0.16	0.20	0.370	0.025	0.025	0.075
3RD QUARTILE :	0.56	0.25	0.45	0.460	0.040	0.052	0.342
VOL. WGT. MEAN :	0.30	0.19	0.14	0.343	0.031	0.031	0.079
MISSING VALUES :	0	0	0	2	0	0	0

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION

---------- STATION=DORION MIC TYPE A SITE NO.1 ----------

	AMMONIUM	PHOSPHOR	MANGANESE	NICKEL	ZINC	IRON	LEAD
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
# OF SAMPLES :	13	13	13	13	13	13	13
MAXIMUM :	0.740	0.034	0.007	0.0005	0.018	0.062	0.125
MINIMUM :	0.005	0.000	0.001	0.0002	0.001	0.005	0.002
ARITH. MEAN :	0.286	0.012	0.002	0.0003	0.007	0.025	0.026
ARITH. STD. DEV :	0.203	0.012	0.002	0.0001	0.007	0.020	0.044
GEOM. MEAN :	0.169	0.010	0.002	0.0003	0.005	0.019	0.010
1ST QUARTILE :	0.160	0.004	0.001	0.0002	0.002	0.011	0.003
2ND QUARTILE :	0.265	0.008	0.002	0.0003	0.004	0.019	0.012
3RD QUARTILE :	0.377	0.017	0.003	0.0004	0.014	0.043	0.016
VOL. WGT. MEAN :	0.257	0.010	0.003	0.0003	0.004	0.020	0.024
MISSING VALUES :	0	2	2	2	7	4	6

	VANADIUM	ALUMINUM	COPPER	CADMIUM	ACIDITY GRAN	FREEH+ LAB
	MG/L	MG/L	MG/L	MG/L	UG/L	UG/L
# OF SAMPLES :	13	13	13	13	13	13.00
MAXIMUM :	0.0004	0.114	0.0038	0.0002	107.00	74.13
MINIMUM :	0.0004	0.008	0.0003	0.0000	20.20	0.17
ARITH. MEAN :	0.0004	0.063	0.0011	0.0000	48.59	25.11
ARITH. STD. DEV :	0.0000	0.046	0.0015	0.0001	24.65	20.58
GEOM. MEAN :	0.0004	0.045	0.0007	0.0000	43.60	14.82
1ST QUARTILE :	0.0004	0.023	0.0003	0.0000	31.75	11.11
2ND QUARTILE :	0.0004	0.064	0.0005	0.0000	38.10	17.38
3RD QUARTILE :	0.0004	0.105	0.0023	0.0000	67.10	38.11
VOL. WGT. MEAN :	0.0004	0.041	0.0006	0.0000	41.25	40.74
MISSING VALUES :	2	7	8	2	0	0.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION

---------- STATION=DORSET MIC TYPE A SITE NO.1 ----------

	EQUIVALENT PREC. DEPTH MM	VOLUME ML	CONDUCT UMHO/CM	LAB.PH	ACIDITY TFE	SULFATE MG/L
# OF SAMPLES :	13	13	13	13	13	13
MAXIMUM :	13.0	2710	51.48	4.50	.	5.50
MINIMUM :	98.0	536	15.50	3.95	.	1.05
ARITH. MEAN :	17.0	1600	29.82	4.26	.	2.81
ARITH. STD. DEV :	57.1	740	10.43	0.16	.	1.56
GEOM. MEAN :	26.6	1400	28.10	4.26	.	2.42
1ST QUARTILE :	50.2	720	21.50	4.16	.	1.47
2ND QUARTILE :	33.5	1805	30.30	4.24	.	2.25
3RD QUARTILE :	59.0	2177	36.33	4.39	.	3.85
VOL. WGT. MEAN :	82.5	1896	29.08	.	.	2.81
MISSING VALUES :	.	0	0	0	13	0
	0.0					

	NITRATE MG/L	CALCIUM MG/L	CHLORIDE MG/L	KJELDAHL MG/L	MAGNESIUM MG/L	POTASSIUM MG/L	SODIUM MG/L
# OF SAMPLES :	13	13	13	13	13	13	13
MAXIMUM :	0.88	0.96	0.25	0.970	0.175	0.070	0.150
MINIMUM :	0.28	0.02	0.05	0.130	0.005	0.000	0.010
ARITH. MEAN :	0.60	0.30	0.14	0.406	0.043	0.023	0.057
ARITH. STD. DEV :	0.21	0.25	0.07	0.222	0.044	0.018	0.047
GEOM. MEAN :	0.56	0.20	0.13	0.357	0.029	0.021	0.040
1ST QUARTILE :	0.40	0.15	0.08	0.275	0.020	0.012	0.022
2ND QUARTILE :	0.60	0.20	0.15	0.360	0.030	0.020	0.030
3RD QUARTILE :	0.80	0.45	0.19	0.500	0.055	0.035	0.085
VOL. WGT. MEAN :	0.59	0.30	0.14	0.409	0.042	0.022	0.054
MISSING VALUES :	0	0	0	0	0	0	0

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION

STATION=DORSET MIC TYPE A SITE NO.1

	AMMONIUM MG/L	PHOSPHOR MG/L	MANGANESE MG/L	NICKEL MG/L	ZINC MG/L	IRON MG/L	LEAD MG/L
# OF SAMPLES :	13	13	13	13	13	13	13
MAXIMUM :	1.040	0.028	0.013	0.0006	0.009	0.098	0.015
MINIMUM :	0.000	0.000	0.001	0.0002	0.001	0.006	0.002
ARITH. MEAN :	0.371	0.007	0.003	0.0003	0.004	0.023	0.006
ARITH. STD. DEV :	0.263	0.008	0.003	0.0001	0.003	0.024	0.005
GEOM. MEAN :	0.351	0.006	0.002	0.0003	0.003	0.018	0.005
1ST QUARTILE :	0.242	0.002	0.001	0.0002	0.001	0.012	0.003
2ND QUARTILE :	0.295	0.003	0.002	0.0002	0.002	0.018	0.004
3RD QUARTILE :	0.425	0.011	0.003	0.0003	0.007	0.026	0.010
VOL. WGT. MEAN :	0.375	0.006	0.003	0.0003	0.003	0.022	0.006
MISSING VALUES :	0	0	0	0	8	0	8

	VANADIUM MG/L	ALUMINUM MG/L	COPPER MG/L	CADMIUM MG/L	ACIDITY GRAN UG/L	FREEH+ LEB UG/L
# OF SAMPLES :	13	13	13	13	13	13.00
MAXIMUM :	0.0004	0.093	0.0022	0.0005	134.00	112.20
MINIMUM :	0.0004	0.007	0.0003	0.0000	56.90	31.62
ARITH. MEAN :	0.0004	0.031	0.0011	0.0001	82.95	58.13
ARITH. STD. DEV :	0.0000	0.024	0.0008	0.0001	23.09	22.85
GEOM. MEAN :	0.0004	0.024	0.0008	0.0000	80.29	54.57
1ST QUARTILE :	0.0004	0.018	0.0003	0.0000	64.55	40.30
2ND QUARTILE :	0.0004	0.024	0.0010	0.0000	79.00	57.54
3RD QUARTILE :	0.0004	0.036	0.0021	0.0000	94.70	68.76
VOL. WGT. MEAN :	0.0004	0.026	0.0008	0.0000	82.00	31.62
MISSING VALUES :	0	3	6	0	0	0.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION

STATION=E.L.A. MIC TYPE A SITE NO.1

	EQUIVALENT PREC. DEPTH MM	VOLUME ML	CONDUCT UMHO/CM	LAB.PH	ACIDITY TFE	SULFATE MG/L
# OF SAMPLES :	14.0	14	14	14	14	14
MAXIMUM :	126.0	3522	80.24	6.38	.	8.90
MINIMUM :	3.6	25	5.50	4.21	.	0.50
ARITH. MEAN :	33.8	845	17.02	5.24	.	1.81
ARITH. STD. DEV :	35.0	1031	19.75	0.72	.	2.13
GEOM. MEAN :	23.2	429	12.02	5.19	.	1.31
1ST QUARTILE :	15.6	159	7.11	4.61	.	0.79
2ND QUARTILE :	23.4	516	9.13	5.13	.	1.22
3RD QUARTILE :	31.0	924	20.63	5.89	.	1.91
VOL. WGT. MEAN :	.	1829	10.38	.	.	1.13
MISSING VALUES :	0.0	0	0	1	14	0

	NITRATE MG/L	CALCIUM MG/L	CHLORIDE MG/L	KJELDAHL MG/L	MAGNESIUM MG/L	POTASSIUM MG/L	SODIUM MG/L
# OF SAMPLES :	14	14	14	14	14	14	14
MAXIMUM :	1.36	0.64	3.55	0.810	0.100	0.055	0.350
MINIMUM :	0.12	0.06	0.00	0.180	0.005	0.005	0.010
ARITH. MEAN :	0.45	0.27	0.40	0.442	0.045	0.028	0.121
ARITH. STD. DEV :	0.36	0.14	0.91	0.174	0.027	0.018	0.111
GEOM. MEAN :	0.35	0.23	0.20	0.410	0.035	0.022	0.070
1ST QUARTILE :	0.23	0.17	0.05	0.330	0.022	0.012	0.022
2ND QUARTILE :	0.30	0.28	0.16	0.420	0.040	0.020	0.095
3RD QUARTILE :	0.57	0.29	0.28	0.570	0.060	0.045	0.205
VOL. WGT. MEAN :	0.31	0.20	0.12	0.369	0.035	0.034	0.070
MISSING VALUES :	0	1	0	3	1	1	1

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION

STATION=E.L.A. MIC TYPE A SITE NO.1

	AMMONIUM	PHOSPHOR	MANGANESE	NICKEL	ZINC	IRON	LEAD
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
# OF SAMPLES :	14	14	14	14	14	14	14
MAXIMUM :	0.670	0.075	0.008	0.0004	0.003	0.091	0.016
MINIMUM :	0.000	0.000	0.001	0.0002	0.002	0.004	0.001
ARITH. MEAN :	0.292	0.016	0.004	0.0003	0.003	0.026	0.007
ARITH. STD. DEV :	0.165	0.021	0.002	0.0001	0.001	0.025	0.006
GEOM. MEAN :	0.288	0.011	0.003	0.0003	0.003	0.019	0.005
1ST QUARTILE :	0.175	0.004	0.002	0.0002	0.002	0.014	0.002
2ND QUARTILE :	0.295	0.011	0.004	0.0002	0.003	0.018	0.005
3RD QUARTILE :	0.377	0.019	0.005	0.0004	0.003	0.025	0.014
VOL. WGT. MEAN :	0.279	0.011	0.003	0.0003	0.003	0.017	0.005
MISSING VALUES :	1	3	3	3	11	5	6

	VANADIUM	ALUMINUM	COPPER	CADMIUM	ACIDITY GRAN	FREEH+ LAB
	MG/L	MG/L	MG/L	MG/L	UG/L	UG/L
# OF SAMPLES :	14	14	14	14	14	14.00
MAXIMUM :	0.0004	0.104	0.0014	0.0001	90.90	61.66
MINIMUM :	0.0004	0.009	0.0003	0.0000	19.00	0.42
ARITH. MEAN :	0.0004	0.034	0.0007	0.0000	38.64	15.63
ARITH. STD. DEV :	0.0000	0.040	0.0005	0.0000	24.25	19.79
GEOM. MEAN :	0.0004	0.023	0.0006	0.0000	33.34	5.80
1ST QUARTILE :	0.0004	0.013	0.0004	0.0000	22.55	1.34
2ND QUARTILE :	0.0004	0.017	0.0006	0.0000	26.00	7.41
3RD QUARTILE :	0.0004	0.064	0.0013	0.0000	55.20	25.34
VOL. WGT. MEAN :	0.0004	0.019	0.0006	0.0000	31.92	31.62
MISSING VALUES :	3	9	6	3	1	1.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION

---------- STATION=EAR FALLS MIC TYPE A SITE NO.1 ----------

	EQUIVALENT PREC. DEPTH MM	VOLUME ML	CONDUCT UMHO/CM	LAB.PH	ACIDITY TFE	SULFATE MG/L
# OF SAMPLES :	13.0	13	13	13	13	13
MAXIMUM :	90.0	2473	50.00	6.45	.	4.10
MINIMUM :	3.8	128	5.00	4.07	.	0.60
ARITH. MEAN :	33.9	901	16.08	5.12	.	1.51
ARITH. STD. DEV :	25.0	849	14.57	0.68	.	1.21
GEOM. MEAN :	25.8	590	12.18	5.08	.	1.22
1ST QUARTILE :	16.6	329	7.50	4.58	.	0.72
2ND QUARTILE :	28.9	518	9.00	5.08	.	1.10
3RD QUARTILE :	48.4	1669	19.42	5.71	.	1.67
VOL. WGT. MEAN :	.	1423	13.09	.	.	1.19
MISSING VALUES :	0.0	0	0	0	13	0

	NITRATE MG/L	CALCIUM MG/L	CHLORIDE MG/L	KJELDAHL MG/L	MAGNESIUM MG/L	POTASSIUM MG/L	SODIUM MG/L
# OF SAMPLES :	13	13	13	13	13	13	13
MAXIMUM :	1.11	1.04	0.48	1.530	0.210	0.140	0.385
MINIMUM :	0.12	0.06	0.00	0.090	0.005	0.005	0.020
ARITH. MEAN :	0.37	0.26	0.17	0.394	0.049	0.039	0.140
ARITH. STD. DEV :	0.28	0.27	0.14	0.366	0.058	0.038	0.118
GEOM. MEAN :	0.29	0.19	0.13	0.305	0.029	0.025	0.094
1ST QUARTILE :	0.16	0.10	0.03	0.190	0.012	0.010	0.035
2ND QUARTILE :	0.27	0.18	0.15	0.310	0.025	0.025	0.110
3RD QUARTILE :	0.50	0.36	0.28	0.470	0.055	0.060	0.250
VOL. WGT. MEAN :	0.28	0.19	0.11	0.374	0.034	0.041	0.088
MISSING VALUES :	0	0	0	0	0	0	0

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION

STATION=EAR FALLS MIC TYPE A SITE NO.1

	AMMONIUM	PHOSPHOR	MANGANESE	NICKEL	ZINC	IRON	LEAD
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
# OF SAMPLES :	13	13	13	13	13	13	13
MAXIMUM :	1.400	0.069	0.015	0.0008	0.015	0.096	0.035
MINIMUM :	0.005	0.000	0.001	0.0002	0.001	0.006	0.001
ARITH. MEAN :	0.292	0.014	0.004	0.0004	0.005	0.028	0.012
ARITH. STD. DEV :	0.356	0.018	0.004	0.0002	0.006	0.026	0.013
GEOM. MEAN :	0.160	0.010	0.003	0.0003	0.004	0.021	0.006
1ST QUARTILE :	0.090	0.004	0.002	0.0002	0.002	0.011	0.002
2ND QUARTILE :	0.230	0.008	0.002	0.0003	0.003	0.022	0.005
3RD QUARTILE :	0.345	0.016	0.005	0.0007	0.012	0.033	0.026
VOL. WGT. MEAN :	0.282	0.020	0.003	0.0004	0.003	0.017	0.007
MISSING VALUES :	0	0	1	1	9	3	6

	VANADIUM	ALUMINUM	COPPER	CADMIUM	ACIDITY GRAN	FREEH+ LAB
	MG/L	MG/L	MG/L	MG/L	UG/L	UG/L
# OF SAMPLES :	13	13	13	13	13	13.00
MAXIMUM :	0.0004	0.124	0.0125	0.0008	116.00	85.11
MINIMUM :	0.0004	0.012	0.0003	0.0000	21.10	0.35
ARITH. MEAN :	0.0004	0.072	0.0033	0.0001	41.96	18.15
ARITH. STD. DEV :	0.0000	0.049	0.0052	0.0003	26.37	23.95
GEOM. MEAN :	0.0004	0.054	0.0014	0.0000	36.78	7.56
1ST QUARTILE :	0.0004	0.027	0.0004	0.0000	24.10	2.00
2ND QUARTILE :	0.0004	0.063	0.0013	0.0000	34.20	8.32
3RD QUARTILE :	0.0004	0.122	0.0073	0.0001	49.00	26.09
VOL. WGT. MEAN :	0.0004	0.037	0.0010	0.0001	34.84	28.18
MISSING VALUES :	1	8	8	1	0	0.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION

STATION=GERALDTON MIC TYPE A SITE NO. 1

	EQUIVALENT PREC. DEPTH MM	VOLUME ML	CONDUCT UMHO/CM	LAB.PH	ACIDITY TFE	SULFATE MG/L
# OF SAMPLES :	13.0	13	13	13	13	13
MAXIMUM :	120.0	2533	35.00	6.57	.	3.95
MINIMUM :	5.5	53	4.50	4.27	.	0.65
ARITH. MEAN :	44.4	956	15.59	4.87	.	1.40
ARITH. STD. DEV :	34.2	873	9.45	0.59	.	0.95
GEOM. MEAN :	32.0	568	13.30	4.84	.	1.20
1ST QUARTILE :	16.7	249	9.25	4.56	.	0.82
2ND QUARTILE :	25.7	612	11.00	4.72	.	1.05
3RD QUARTILE :	69.5	1815	21.50	5.03	.	1.55
VOL. WGT. MEAN :	.	1527	11.46	.	.	1.07
MISSING VALUES :	0.0	0	0	0	13	0

	NITRATE MG/L	CALCIUM MG/L	CHLORIDE MG/L	KJELDAHL MG/L	MAGNESIUM MG/L	POTASSIUM MG/L	SODIUM MG/L
# OF SAMPLES :	13	13	13	13	13	13	13
MAXIMUM :	0.60	1.10	0.83	0.880	0.205	0.175	0.680
MINIMUM :	0.13	0.06	0.00	0.110	0.000	0.000	0.010
ARITH. MEAN :	0.31	0.26	0.17	0.302	0.037	0.027	0.137
ARITH. STD. DEV :	0.17	0.29	0.22	0.233	0.053	0.046	0.182
GEOM. MEAN :	0.27	0.18	0.13	0.251	0.026	0.027	0.072
1ST QUARTILE :	0.16	0.10	0.04	0.185	0.010	0.000	0.025
2ND QUARTILE :	0.25	0.14	0.12	0.225	0.025	0.020	0.075
3RD QUARTILE :	0.47	0.27	0.23	0.257	0.037	0.027	0.182
VOL. WGT. MEAN :	0.24	0.18	0.07	0.231	0.027	0.026	0.056
MISSING VALUES :	0	0	0	1	0	0	0

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION

STATION=GERALDTON MIC TYPE A SITE NO. 1

	AMMONIUM	PHOSPHOR	MANGANESE	NICKEL	ZINC	IRON	LEAD
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
# OF SAMPLES :	13	13	13	13	13	13	13
MAXIMUM :	0.610	0.025	0.013	0.0009	0.008	0.038	0.048
MINIMUM :	0.000	0.000	0.001	0.0002	0.001	0.009	0.001
ARITH. MEAN :	0.178	0.010	0.003	0.0004	0.003	0.020	0.011
ARITH. STD. DEV :	0.170	0.009	0.004	0.0003	0.002	0.009	0.014
GEOM. MEAN :	0.130	0.011	0.002	0.0003	0.003	0.019	0.006
1ST QUARTILE :	0.060	0.001	0.001	0.0002	0.001	0.012	0.003
2ND QUARTILE :	0.155	0.008	0.001	0.0002	0.003	0.021	0.007
3RD QUARTILE :	0.212	0.018	0.004	0.0005	0.005	0.026	0.011
VOL. WGT. MEAN :	0.173	0.005	0.002	0.0003	0.002	0.017	0.008
MISSING VALUES :	0	1	1	1	7	5	3

	VANADIUM	ALUMINUM	COPPER	CADMIUM	ACIDITY GRAN	FREEH+ LAB
	MG/L	MG/L	MG/L	MG/L	UG/L	UG/L
# OF SAMPLES :	13	13	13	13	13	13.00
MAXIMUM :	0.0005	0.140	0.0019	0.0000	82.60	53.70
MINIMUM :	0.0004	0.018	0.0003	0.0000	21.20	0.27
ARITH. MEAN :	0.0004	0.086	0.0008	0.0000	45.10	21.37
ARITH. STD. DEV :	0.0000	0.062	0.0006	0.0000	19.56	16.01
GEOM. MEAN :	0.0004	0.063	0.0007	0.0000	41.54	13.63
1ST QUARTILE :	0.0004	0.018	0.0004	0.0000	29.95	9.49
2ND QUARTILE :	0.0004	0.100	0.0006	0.0000	39.50	19.05
3RD QUARTILE :	0.0004	0.140	0.0012	0.0000	58.95	27.37
VOL. WGT. MEAN :	0.0004	0.054	0.0007	0.0000	39.46	53.70
MISSING VALUES :	1	10	7	1	0	0.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION

STATION=GOLDEN LAKE MIC TYPE A SITE NO.1

	EQUIVALENT PREC. DEPTH MM	VOLUME ML	CONDUCT UMHO/CM	LAB.PH	ACIDITY TFE	SULFATE MG/L
# OF SAMPLES :	13.0	13	13	13	13	13
MAXIMUM :	101.0	2584	39.00	4.63	.	5.10
MINIMUM :	19.1	427	10.00	4.10	.	0.85
ARITH. MEAN :	55.0	1434	24.07	4.36	.	2.47
ARITH. STD. DEV :	22.8	719	9.08	0.16	.	1.54
GEOM. MEAN :	50.1	1251	22.28	4.36	.	2.03
1ST QUARTILE :	32.5	884	17.85	4.28	.	1.07
2ND QUARTILE :	55.1	1111	24.00	4.29	.	2.20
3RD QUARTILE :	70.4	2093	30.25	4.49	.	4.00
VOL. WGT. MEAN :	.	1636	23.53	.	.	2.54
MISSING VALUES :	0.0	0	0	0	13	0

	NITRATE MG/L	CALCIUM MG/L	CHLORIDE MG/L	KJELDAHL MG/L	MAGNESIUM MG/L	POTASSIUM MG/L	SODIUM MG/L
# OF SAMPLES :	13	13	13	13	13	13	13
MAXIMUM :	0.75	0.60	0.22	0.810	0.100	0.065	0.105
MINIMUM :	0.19	0.04	0.07	0.120	0.010	0.005	0.020
ARITH. MEAN :	0.48	0.19	0.14	0.381	0.030	0.023	0.042
ARITH. STD. DEV :	0.18	0.15	0.05	0.226	0.024	0.020	0.024
GEOM. MEAN :	0.45	0.15	0.14	0.321	0.025	0.017	0.037
1ST QUARTILE :	0.34	0.10	0.09	0.210	0.015	0.012	0.025
2ND QUARTILE :	0.49	0.14	0.15	0.300	0.030	0.015	0.030
3RD QUARTILE :	0.62	0.26	0.17	0.535	0.037	0.032	0.055
VOL. WGT. MEAN :	0.47	0.18	0.14	0.387	0.030	0.025	0.036
MISSING VALUES :	0	0	0	0	0	0	0

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION

---------- STATION=GOLDEN LAKE MIC TYPE A SITE NO.1 ----------

	AMMONIUM	PHOSPHOR	MANGANESE	NICKEL	ZINC	IRON	LEAD
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
# OF SAMPLES :	13	13	13	13	13	13	13
MAXIMUM :	0.740	0.015	0.027	0.0005	0.021	0.047	0.031
MINIMUM :	0.055	0.000	0.001	0.0002	0.001	0.009	0.001
ARITH. MEAN :	0.292	0.007	0.004	0.0003	0.011	0.018	0.009
ARITH. STD. DEV :	0.209	0.004	0.007	0.0001	0.008	0.012	0.009
GEOM. MEAN :	0.224	0.007	0.002	0.0003	0.007	0.016	0.006
1ST QUARTILE :	0.132	0.004	0.001	0.0002	0.002	0.010	0.003
2ND QUARTILE :	0.265	0.008	0.001	0.0002	0.011	0.014	0.007
3RD QUARTILE :	0.420	0.010	0.002	0.0004	0.019	0.022	0.010
VOL. WGT. MEAN :	0.301	0.007	0.004	0.0003	0.010	0.019	0.009
MISSING VALUES :	0	0	0	0	7	0	4

	VANADIUM	ALUMINUM	COPPER	CADMIUM	ACIDITY GRAN	FREEH+ LAB
	MG/L	MG/L	MG/L	MG/L	UG/L	UG/L
# OF SAMPLES :	13	13	13	13	13	13.00
MAXIMUM :	0.0004	0.038	0.0009	0.0000	92.50	79.43
MINIMUM :	0.0004	0.008	0.0003	0.0000	42.20	23.44
ARITH. MEAN :	0.0004	0.022	0.0005	0.0000	71.90	46.14
ARITH. STD. DEV :	0.0000	0.012	0.0002	0.0000	17.39	15.43
GEOM. MEAN :	0.0004	0.018	0.0005	0.0000	69.67	43.57
1ST QUARTILE :	0.0004	0.009	0.0004	0.0000	58.70	32.25
2ND QUARTILE :	0.0004	0.023	0.0005	0.0000	76.80	51.29
3RD QUARTILE :	0.0004	0.034	0.0007	0.0000	88.10	52.48
VOL. WGT. MEAN :	0.0004	0.019	0.0006	0.0000	71.64	43.65
MISSING VALUES :	0	3	7	0	0	0.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION

STATION=GOWGANDA MIC TYPE A SITE NO.1

	EQUIVALENT PREC. DEPTH MM	VOLUME ML	CONDUCT UMHO/CM	LAB.PH	ACIDITY TFE	SULFATE MG/L
# OF SAMPLES :	11.0	11	11	11	11	11
MAXIMUM :	145.0	4072	54.00	4.88	.	5.75
MINIMUM :	8.6	100	8.00	3.83	.	0.95
ARITH. MEAN :	47.2	987	26.14	4.40	.	2.30
ARITH. STD. DEV :	39.5	1115	13.00	0.28	.	1.39
GEOM. MEAN :	35.1	608	23.30	4.39	.	1.98
1ST QUARTILE :	21.0	234	17.00	4.20	.	1.10
2ND QUARTILE :	31.9	736	23.00	4.41	.	2.25
3RD QUARTILE :	64.3	1347	35.00	4.56	.	2.85
VOL. WGT. MEAN :	.	1744	23.18	.	.	2.19
MISSING VALUES :	0.0	0	0	0	11	0

	NITRATE MG/L	CALCIUM MG/L	CHLORIDE MG/L	KJELDAHL MG/L	MAGNESIUM MG/L	POTASSIUM MG/L	SODIUM MG/L
# OF SAMPLES :	11	11	11	11	11	11	11
MAXIMUM :	1.11	0.66	0.88	0.690	0.050	0.060	0.720
MINIMUM :	0.17	0.02	0.00	0.150	0.000	0.000	0.020
ARITH. MEAN :	0.46	0.18	0.20	0.333	0.023	0.026	0.120
ARITH. STD. DEV :	0.30	0.18	0.24	0.172	0.017	0.020	0.206
GEOM. MEAN :	0.39	0.12	0.14	0.298	0.020	0.022	0.056
1ST QUARTILE :	0.26	0.08	0.09	0.212	0.005	0.010	0.025
2ND QUARTILE :	0.35	0.10	0.10	0.270	0.025	0.015	0.030
3RD QUARTILE :	0.54	0.26	0.24	0.472	0.035	0.045	0.145
VOL. WGT. MEAN :	0.36	0.13	0.12	0.309	0.019	0.025	0.067
MISSING VALUES :	0	0	0	1	0	0	0

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION

STATION=GOWGANDA MIC TYPE A SITE NO.1

	AMMONIUM	PHOSPHOR	MANGANESE	NICKEL	ZINC	IRON	LEAD
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
# OF SAMPLES :	11	11	11	11	11	11	11
MAXIMUM :	0.570	0.025	0.004	0.0007	0.002	0.066	0.013
MINIMUM :	0.050	0.000	0.001	0.0002	0.002	0.005	0.002
ARITH. MEAN :	0.239	0.008	0.002	0.0003	0.002	0.022	0.008
ARITH. STD. DEV :	0.153	0.008	0.001	0.0002	0.000	0.019	0.005
GEON. MEAN :	0.195	0.006	0.002	0.0002	0.002	0.016	0.006
1ST QUARTILE :	0.115	0.002	0.001	0.0002	0.002	0.008	0.003
2ND QUARTILE :	0.210	0.004	0.002	0.0002	0.002	0.014	0.009
3RD QUARTILE :	0.305	0.012	0.002	-0.0003	0.002	0.036	0.013
VOL. WGT. MEAN :	0.224	0.006	0.002	0.0002	0.002	0.015	0.007
MISSING VALUES :	0	1	1	1	9	1	7

	VANADIUM	ALUMINUM	COPPER	CADMIUM	ACIDITY GRAN	FREEH+ LAB
	MG/L	MG/L	MG/L	MG/L	UG/L	UG/L
# OF SAMPLES :	11	11	11	11	11	11.00
MAXIMUM :	0.0006	0.069	0.0035	0.0015	170.00	147.91
MINIMUM :	0.0004	0.020	0.0003	0.0000	36.70	13.18
ARITH. MEAN :	0.0004	0.037	0.0017	0.0002	74.51	48.66
ARITH. STD. DEV :	0.0001	0.021	0.0016	0.0005	37.18	36.54
GEON. MEAN :	0.0004	0.033	0.0011	0.0000	68.03	40.06
1ST QUARTILE :	0.0004	0.022	0.0004	0.0000	49.20	27.54
2ND QUARTILE :	0.0004	0.026	0.0007	0.0000	67.10	38.90
3RD QUARTILE :	0.0004	0.057	0.0034	0.0001	89.90	63.10
VOL. WGT. MEAN :	0.0004	0.030	0.0010	0.0002	68.02	34.67
MISSING VALUES :	1	6	6	1	0	0.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION

---------- STATION=KILLARNEY MIC TYPE A SITE NO.1 ----------

	EQUIVALENT PREC. DEPTH MM	VOLUME ML	CONDUCT UMHO/CM	LAB.PH	ACIDITY TFE	SULFATE MG/L
# OF SAMPLES :	14.0	14	14	14	14	14
MAXIMUM :	91.0	1694	45.99	4.84	.	4.95
MINIMUM :	19.9	12	8.35	3.99	.	0.45
ARITH. MEAN :	53.4	1050	31.46	4.29	.	2.82
ARITH. STD. DEV :	20.2	517	10.61	0.21	.	1.27
GEOM. MEAN :	49.5	749	29.18	4.29	.	2.44
1ST QUARTILE :	38.8	496	24.00	4.15	.	1.70
2ND QUARTILE :	53.6	1158	32.10	4.24	.	3.10
3RD QUARTILE :	65.0	1444	39.60	4.38	.	3.47
VOL. WGT. MEAN :	.	1146	31.66	.	.	2.81
MISSING VALUES :	0.0	0	1	0	14	1

	NITRATE MG/L	CALCIUM MG/L	CHLORIDE MG/L	KJELDAHL MG/L	MAGNESIUM MG/L	POTASSIUM MG/L	SODIUM MG/L
# OF SAMPLES :	14	14	14	14	14	14	14
MAXIMUM :	1.30	0.78	0.35	1.130	0.130	0.230	0.205
MINIMUM :	0.09	0.02	0.00	0.080	0.005	0.000	0.015
ARITH. MEAN :	0.63	0.25	0.15	0.544	0.040	0.038	0.070
ARITH. STD. DEV :	0.32	0.20	0.10	0.336	0.033	0.061	0.057
GEOM. MEAN :	0.54	0.18	0.14	0.437	0.028	0.024	0.052
1ST QUARTILE :	0.45	0.09	0.07	0.280	0.015	0.005	0.025
2ND QUARTILE :	0.51	0.24	0.13	0.430	0.040	0.020	0.040
3RD QUARTILE :	0.86	0.35	0.24	0.840	0.052	0.050	0.110
VOL. WGT. MEAN :	0.62	0.22	0.15	0.529	0.035	0.041	0.065
MISSING VALUES :	1	1	1	1	1	1	1

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION

---------- STATION=KILLARNEY MIC TYPE A SITE NO.1 ----------

	AMMONIUM	PHOSPHOR	MANGANESE	NICKEL	ZINC	IRON	LEAD
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
# OF SAMPLES :	14	14	14	14	14	14	14
MAXIMUM :	0.970	0.016	0.012	0.0012	0.017	0.071	0.011
MINIMUM :	0.000	0.000	0.001	0.0002	0.002	0.011	0.002
ARITH. MEAN :	0.415	0.006	0.003	0.0004	0.008	0.024	0.007
ARITH. STD. DEV :	0.270	0.005	0.003	0.0003	0.007	0.017	0.004
GEOM. MEAN :	0.385	0.006	0.002	0.0003	0.005	0.021	0.006
1ST QUARTILE :	0.227	0.002	0.001	0.0002	0.002	0.014	0.003
2ND QUARTILE :	0.365	0.005	0.002	0.0002	0.005	0.018	0.007
3RD QUARTILE :	0.657	0.009	0.003	0.0006	0.016	0.032	0.010
VOL. WGT. MEAN :	0.410	0.005	0.002	0.0004	0.007	0.020	0.008
MISSING VALUES :	1	1	1	1	8	2	8

	VANADIUM	ALUMINUM	COPPER	CADMIUM	ACIDITY GRAN	FREEH+ LAB
	MG/L	MG/L	MG/L	MG/L	UG/L	UG/L
# OF SAMPLES :	14	14	14	14	14	14.00
MAXIMUM :	0.0005	0.083	0.0041	0.0003	119.00	102.33
MINIMUM :	0.0004	0.008	0.0003	0.0000	33.60	14.45
ARITH. MEAN :	0.0004	0.037	0.0018	0.0001	84.86	55.83
ARITH. STD. DEV :	0.0000	0.029	0.0014	0.0001	24.29	22.30
GEOM. MEAN :	0.0004	0.027	0.0013	0.0000	80.97	50.95
1ST QUARTILE :	0.0004	0.012	0.0009	0.0000	68.02	41.22
2ND QUARTILE :	0.0004	0.028	0.0011	0.0000	85.75	57.56
3RD QUARTILE :	0.0004	0.072	0.0034	0.0001	102.82	70.85
VOL. WGT. MEAN :	0.0004	0.029	0.0016	0.0001	86.11	39.81
MISSING VALUES :	1	7	7	1	0	0.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION

---------- STATION=LAC LA CROIX MIC TYPE A SITE NO.1 ----------

	EQUIVALENT PREC. DEPTH MM	VOLUME ML	CONDUCT UMHO/CM	LAB.PH	ACIDITY TFE	SULFATE MG/L
# OF SAMPLES :	11.0	11	11	11	11	11
MAXIMUM :	156.9	2693	24.65	6.15	.	3.90
MINIMUM :	2.0	166	7.00	4.09	.	0.45
ARITH. MEAN :	52.0	1159	11.98	5.10	.	1.51
ARITH. STD. DEV :	54.7	944	7.28	0.59	.	1.10
GEOM. MEAN :	27.6	777	10.43	5.07	.	1.24
1ST QUARTILE :	14.4	390	7.00	4.86	.	0.80
2ND QUARTILE :	23.0	945	8.00	5.11	.	1.25
3RD QUARTILE :	120.3	2008	22.00	5.62	.	1.65
VOL. WGT. MEAN :	.	2014	9.17	.	.	1.18
MISSING VALUES :	0.0	0	0	0	11	0

	NITRATE MG/L	CALCIUM MG/L	CHLORIDE MG/L	KJELDAHL MG/L	MAGNESIUM MG/L	POTASSIUM MG/L	SODIUM MG/L
# OF SAMPLES :	11	11	11	11	11	11	11
MAXIMUM :	0.59	0.66	0.30	0.640	0.135	0.140	0.345
MINIMUM :	0.08	0.08	0.00	0.100	0.010	0.000	0.020
ARITH. MEAN :	0.31	0.25	0.15	0.331	0.040	0.048	0.110
ARITH. STD. DEV :	0.17	0.21	0.10	0.167	0.037	0.048	0.101
GEOM. MEAN :	0.27	0.20	0.14	0.287	0.029	0.050	0.077
1ST QUARTILE :	0.20	0.12	0.06	0.200	0.015	0.000	0.035
2ND QUARTILE :	0.23	0.14	0.15	0.320	0.025	0.040	0.080
3RD QUARTILE :	0.52	0.30	0.23	0.470	0.055	0.075	0.190
VOL. WGT. MEAN :	0.25	0.20	0.12	0.354	0.031	0.068	0.063
MISSING VALUES :	0	0	0	1	0	0	0

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION

STATION=LAC LA CROIX MIC TYPE A SITE NO.1

	AMMONIUM	PHOSPHOR	MANGANESE	NICKEL	ZINC	IRON	LEAD
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
# OF SAMPLES :	11	11	11	11	11	11	11
MAXIMUM :	0.510	0.011	0.010	0.0030	0.022	0.069	0.016
MINIMUM :	0.005	0.000	0.001	0.0002	0.001	0.006	0.002
ARITH. MEAN :	0.256	0.005	0.004	0.0005	0.006	0.028	0.007
ARITH. STD. DEV :	0.167	0.004	0.003	0.0008	0.008	0.019	0.005
GEOM. MEAN :	0.159	0.006	0.003	0.0003	0.004	0.023	0.006
1ST QUARTILE :	0.065	0.002	0.001	0.0002	0.002	0.014	0.003
2ND QUARTILE :	0.265	0.005	0.003	0.0003	0.003	0.024	0.006
3RD QUARTILE :	0.390	0.010	0.006	0.0005	0.011	0.038	0.011
VOL. WGT. MEAN :	0.288	0.005	0.003	0.0005	0.010	0.027	0.006
MISSING VALUES :	0	1	0	0	3	1	5

	VANADIUM	ALUMINUM	COPPER	CADMIUM	ACIDITY GRAN	FREEH+ LAB
	MG/L	MG/L	MG/L	MG/L	UG/L	UG/L
# OF SAMPLES :	11	11	11	11	11	11.00
MAXIMUM :	0.0005	0.150	0.0057	0.0021	112.00	81.28
MINIMUM :	0.0004	0.008	0.0003	0.0000	19.70	0.71
ARITH. MEAN :	0.0004	0.070	0.0016	0.0002	40.34	17.29
ARITH. STD. DEV :	0.0000	0.053	0.0018	0.0006	28.05	24.57
GEOM. MEAN :	0.0004	0.049	0.0009	0.0000	34.65	7.93
1ST QUARTILE :	0.0004	0.024	0.0003	0.0000	24.60	2.40
2ND QUARTILE :	0.0004	0.073	0.0007	0.0000	29.20	7.76
3RD QUARTILE :	0.0005	0.116	0.0028	0.0000	39.70	13.80
VOL. WGT. MEAN :	0.0004	0.043	0.0026	0.0001	31.70	0.71
MISSING VALUES :	0	6	2	0	0	0.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION

---------- STATION=MATTAWA MIC TYPE A SITE NO.1 ----------

	EQUIVALENT PREC. DEPTH MM	VOLUME ML	CONDUCT UMHO/CM	LAB.PH	ACIDITY TFE	SULFATE MG/L
# OF SAMPLES :	13.0	13	13	13	13	13
MAXIMUM :	98.0	2754	37.83	4.68	.	6.00
MINIMUM :	16.4	353	8.87	4.19	.	0.60
ARITH. MEAN :	54.6	1476	22.66	4.39	.	2.27
ARITH. STD. DEV :	18.3	684	8.20	0.14	.	1.44
GEOM. MEAN :	51.2	1283	21.16	4.38	.	1.91
1ST QUARTILE :	47.2	1165	16.75	4.27	.	1.27
2ND QUARTILE :	51.0	1441	22.00	4.38	.	2.15
3RD QUARTILE :	61.8	1975	28.91	4.47	.	2.90
VOL. WGT. MEAN :	.	1627	23.50	.	.	2.37
MISSING VALUES :	0.0	0	0	0	13	0

	NITRATE MG/L	CALCIUM MG/L	CHLORIDE MG/L	KJELDAHL MG/L	MAGNESIUM MG/L	POTASSIUM MG/L	SODIUM MG/L
# OF SAMPLES :	13	13	13	13	13	13	13
MAXIMUM :	0.73	0.82	0.36	1.140	0.150	0.250	0.275
MINIMUM :	0.13	0.04	0.00	0.070	0.005	0.000	0.005
ARITH. MEAN :	0.44	0.19	0.14	0.370	0.031	0.044	0.074
ARITH. STD. DEV :	0.17	0.21	0.09	0.319	0.039	0.067	0.070
GEOM. MEAN :	0.41	0.13	0.14	0.283	0.019	0.029	0.050
1ST QUARTILE :	0.33	0.07	0.09	0.175	0.007	0.015	0.025
2ND QUARTILE :	0.47	0.10	0.13	0.270	0.020	0.020	0.055
3RD QUARTILE :	0.56	0.25	0.18	0.375	0.040	0.035	0.102
VOL. WGT. MEAN :	0.44	0.17	0.13	0.392	0.030	0.048	0.060
MISSING VALUES :	0	0	0	0	0	0	0

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION

STATION=MATTAWA MIC TYPE A SITE NO.1

	AMMONIUM MG/L	PHOSPHOR MG/L	MANGANESE MG/L	NICKEL MG/L	ZINC MG/L	IRON MG/L	LEAD MG/L
# OF SAMPLES :	13	13	13	13	13	13	13
MAXIMUM :	0.845	0.069	0.015	0.0010	0.010	0.103	0.004
MINIMUM :	0.020	0.000	0.001	0.0002	0.002	0.015	0.002
ARITH. MEAN :	0.288	0.014	0.003	0.0004	0.004	0.033	0.004
ARITH. STD. DEV :	0.242	0.019	0.004	0.0002	0.004	0.024	0.001
GEOM. MEAN :	0.207	0.010	0.002	0.0003	0.003	0.028	0.003
1ST QUARTILE :	0.122	0.003	0.001	0.0002	0.002	0.020	0.003
2ND QUARTILE :	0.220	0.006	0.002	0.0002	0.003	0.025	0.004
3RD QUARTILE :	0.322	0.023	0.002	0.0004	0.008	0.035	0.004
VOL. WGT. MEAN :	0.304	0.014	0.003	0.0003	0.004	0.030	0.004
MISSING VALUES :	0	0	0	0	9	0	7

	VANADIUM MG/L	ALUMINUM MG/L	COPPER MG/L	CADMIUM MG/L	ACIDITY GRAN UG/L	FREEH+ LAB UG/L
# OF SAMPLES :	13	13	13	13	13	13.00
MAXIMUM :	0.0004	0.079	0.0272	0.0001	84.90	64.57
MINIMUM :	0.0004	0.013	0.0005	0.0000	44.90	20.89
ARITH. MEAN :	0.0004	0.038	0.0054	0.0000	67.53	43.05
ARITH. STD. DEV :	0.0000	0.025	0.0107	0.0000	12.20	12.65
GEOM. MEAN :	0.0004	0.032	0.0017	0.0000	66.44	41.17
1ST QUARTILE :	0.0004	0.018	0.0006	0.0000	58.95	34.21
2ND QUARTILE :	0.0004	0.028	0.0012	0.0000	69.60	41.69
3RD QUARTILE :	0.0004	0.063	0.0080	0.0000	76.55	53.18
VOL. WGT. MEAN :	0.0004	0.034	0.0025	0.0000	69.29	45.71
MISSING VALUES :	0	4	7	0	0	0.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION

---------- STATION=MCKELLAR MIC TYPE A SITE NO.1 ----------

	EQUIVALENT PREC. DEPTH MM	VOLUME ML	CONDUCT UMHO/CM	LAB.PH	ACIDITY TFE	SULFATE MG/L
# OF SAMPLES :	11.0	11	11	11	11	11
MAXIMUM :	134.0	3142	48.15	6.49	.	5.85
MINIMUM :	4.0	247	11.30	4.06	.	0.90
ARITH. MEAN :	57.7	1440	30.16	4.45	.	3.17
ARITH. STD. DEV :	43.5	915	11.84	0.69	.	1.64
GEOM. MEAN :	38.6	1154	27.75	4.41	.	2.75
1ST QUARTILE :	21.0	642	23.50	4.08	.	1.60
2ND QUARTILE :	60.2	1266	31.00	4.29	.	2.80
3RD QUARTILE :	81.0	2091	43.46	4.42	.	4.15
VOL. WGT. MEAN :	.	1938	34.44	.	.	3.50
MISSING VALUES :	0.0	0	0	0	11	0

	NITRATE MG/L	CALCIUM MG/L	CHLORIDE MG/L	KJELDAHL MG/L	MAGNESIUM MG/L	POTASSIUM MG/L	SODIUM MG/L
# OF SAMPLES :	11	11	11	11	11	11	11
MAXIMUM :	0.88	0.68	0.34	1.980	0.120	0.370	0.170
MINIMUM :	0.24	0.02	0.00	0.040	0.000	0.000	0.015
ARITH. MEAN :	0.63	0.27	0.15	0.668	0.048	0.076	0.064
ARITH. STD. DEV :	0.22	0.22	0.11	0.579	0.040	0.125	0.053
GEOM. MEAN :	0.59	0.18	0.13	0.463	0.040	0.035	0.048
1ST QUARTILE :	0.39	0.14	0.09	0.330	0.020	0.015	0.025
2ND QUARTILE :	0.69	0.18	0.12	0.440	0.030	0.020	0.045
3RD QUARTILE :	0.84	0.48	0.25	0.760	0.095	0.060	0.070
VOL. WGT. MEAN :	0.66	0.27	0.14	0.679	0.050	0.073	0.054
MISSING VALUES :	0	0	0	0	0	0	0

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION

---------- STATION=MCKELLAR MIC TYPE A SITE NO.1 ----------

	AMMONIUM	PHOSPHOR	MANGANESE	NICKEL	ZINC	IRON	LEAD
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
# OF SAMPLES :	11	11	11	11	11	11	11
MAXIMUM :	1.450	0.174	0.017	0.0093	0.021	0.241	0.009
MINIMUM :	0.000	0.002	0.001	0.0002	0.001	0.011	0.002
ARITH. MEAN :	0.564	0.027	0.004	0.0015	0.007	0.062	0.004
ARITH. STD. DEV :	0.452	0.052	0.005	0.0029	0.009	0.075	0.003
GEOM. MEAN :	0.518	0.009	0.003	0.0005	0.004	0.036	0.004
1ST QUARTILE :	0.290	0.003	0.001	0.0002	0.002	0.013	0.002
2ND QUARTILE :	0.400	0.006	0.002	0.0002	0.003	0.033	0.005
3RD QUARTILE :	0.740	0.011	0.005	0.0007	0.017	0.071	0.006
VOL. WGT. MEAN :	0.583	0.020	0.005	0.0007	0.004	0.034	0.005
MISSING VALUES :	0	0	0	0	7	0	5

	VANADIUM	ALUMINUM	COPPER	CADMIUM	ACIDITY GRAN	FREEH+ LAB
	MG/L	MG/L	MG/L	MG/L	UG/L	UG/L
# OF SAMPLES :	11	11	11	11	11	11.00
MAXIMUM :	0.0004	0.062	0.0434	0.0002	109.00	87.10
MINIMUM :	0.0004	0.010	0.0010	0.0000	28.80	0.32
ARITH. MEAN :	0.0004	0.036	0.0086	0.0000	79.85	54.22
ARITH. STD. DEV :	0.0000	0.022	0.0171	0.0001	25.31	26.57
GEOM. MEAN :	0.0004	0.030	0.0027	0.0000	75.17	35.19
1ST QUARTILE :	0.0004	0.014	0.0012	0.0000	64.40	38.02
2ND QUARTILE :	0.0004	0.035	0.0016	0.0000	83.70	51.29
3RD QUARTILE :	0.0004	0.060	0.0128	0.0000	107.00	83.18
VOL. WGT. MEAN :	0.0004	0.028	0.0022	0.0000	87.95	51.29
MISSING VALUES :	0	3	5	0	0	0.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION

---------- STATION=MERLIN MIC TYPE A SITE NO.1 ----------

	EQUIVALENT PREC. DEPTH MM	VOLUME ML	CONDUCT UMHO/CM	LAB.PH	ACIDITY TFE	SULFATE MG/L
# OF SAMPLES :	13.0	13	13	13	13	13
MAXIMUM :	107.0	2841	54.50	7.31	.	7.30
MINIMUM :	20.0	244	14.00	4.07	.	2.25
ARITH. MEAN :	61.2	1589	35.69	4.54	.	3.94
ARITH. STD. DEV :	34.4	948	12.09	0.90	.	1.36
GEOM. MEAN :	51.7	1246	33.52	4.48	.	3.74
1ST QUARTILE :	27.6	526	25.70	4.12	.	2.82
2ND QUARTILE :	50.0	1727	36.00	4.21	.	4.00
3RD QUARTILE :	98.3	2527	46.52	4.41	.	4.50
VOL. WGT. MEAN :	.	2037	34.91	.	.	4.10
MISSING VALUES :	0.0	0	0	0	13	0

	NITRATE MG/L	CALCIUM MG/L	CHLORIDE MG/L	KJELDAHL MG/L	MAGNESIUM MG/L	POTASSIUM MG/L	SODIUM MG/L
# OF SAMPLES :	13	13	13	13	13	13	13
MAXIMUM :	1.95	1.84	0.99	3.650	0.300	0.295	0.375
MINIMUM :	0.29	0.18	0.12	0.230	0.020	0.020	0.020
ARITH. MEAN :	0.74	0.59	0.31	0.944	0.107	0.087	0.098
ARITH. STD. DEV :	0.41	0.49	0.24	0.930	0.087	0.090	0.107
GEOM. MEAN :	0.66	0.46	0.26	0.687	0.080	0.056	0.067
1ST QUARTILE :	0.50	0.29	0.17	0.385	0.050	0.022	0.035
2ND QUARTILE :	0.62	0.36	0.22	0.560	0.070	0.050	0.060
3RD QUARTILE :	0.85	0.78	0.34	1.225	0.170	0.130	0.100
VOL. WGT. MEAN :	0.64	0.54	0.27	1.064	0.100	0.101	0.082
MISSING VALUES :	0	0	0	0	0	0	0

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION

STATION=MERLIN MIC TYPE A SITE NO.1

	AMMONIUM	PHOSPHOR	MANGANESE	NICKEL	ZINC	IRON	LEAD
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
# OF SAMPLES :	13	13	13	13	13	13	13
MAXIMUM :	1.450	0.161	0.013	0.0031	0.021	0.306	0.039
MINIMUM :	0.170	0.000	0.001	0.0002	0.002	0.010	0.003
ARITH. MEAN :	0.579	0.025	0.004	0.0006	0.010	0.052	0.012
ARITH. STD. DEV :	0.377	0.047	0.004	0.0008	0.009	0.078	0.013
GEOM. MEAN :	0.480	0.011	0.003	0.0004	0.006	0.033	0.008
1ST QUARTILE :	0.290	0.002	0.002	0.0002	0.002	0.020	0.004
2ND QUARTILE :	0.500	0.007	0.003	0.0002	0.008	0.025	0.007
3RD QUARTILE :	0.782	0.015	0.006	0.0007	0.019	0.042	0.016
VOL. WGT. MEAN :	0.602	0.028	0.004	0.0006	0.011	0.036	0.010
MISSING VALUES :	0	0	0	0	9	0	6

	VANADIUM	ALUMINUM	COPPER	CADMIUM	ACIDITY GRAN	FREEH+ LAB
	MG/L	MG/L	MG/L	MG/L	UG/L	UG/L
# OF SAMPLES :	13	13	13	13	13	13.00
MAXIMUM :	0.0004	0.254	0.0030	0.0012	120.00	85.11
MINIMUM :	0.0004	0.017	0.0004	0.0000	20.30	0.05
ARITH. MEAN :	0.0004	0.066	0.0014	0.0002	84.10	54.59
ARITH. STD. DEV :	0.0000	0.068	0.0011	0.0004	31.03	27.70
GEOM. MEAN :	0.0004	0.047	0.0011	0.0001	76.18	28.84
1ST QUARTILE :	0.0004	0.021	0.0006	0.0000	65.60	40.94
2ND QUARTILE :	0.0004	0.042	0.0009	0.0001	93.10	61.66
3RD QUARTILE :	0.0004	0.074	0.0027	0.0001	111.00	75.03
VOL. WGT. MEAN :	0.0004	0.046	0.0013	0.0003	80.46	0.05
MISSING VALUES :	0	2	5	0	0	0.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION

STATION=MOONBEAM MIC TYPE A SITE NO.1

	EQUIVALENT PREC. DEPTH MM	VOLUME ML	CONDUCT UMHO/CM	LAB.PH	ACIDITY TFE	SULFATE MG/L
# OF SAMPLES :	11.0	11	11	11	11	11
MAXIMUM :	140.0	4070	39.60	7.68	.	5.05
MINIMUM :	18.2	103	9.40	4.27	.	0.85
ARITH. MEAN :	48.9	1244	21.24	5.43	.	2.18
ARITH. STD. DEV :	36.5	1212	9.55	1.29	.	1.40
GEOM. MEAN :	39.3	731	19.50	5.30	.	1.87
1ST QUARTILE :	21.6	305	16.00	4.49	.	1.40
2ND QUARTILE :	45.0	1178	17.00	4.64	.	1.65
3RD QUARTILE :	65.0	2019	30.50	6.65	.	2.15
VOL. WGT. MEAN :	.	2061	17.40	.	.	1.77
MISSING VALUES :	0.0	0	0	0	11	0

	NITRATE MG/L	CALCIUM MG/L	CHLORIDE MG/L	KJELDAHL MG/L	MAGNESIUM MG/L	POTASSIUM MG/L	SODIUM MG/L
# OF SAMPLES :	11	11	11	11	11	11	11
MAXIMUM :	0.89	4.84	0.76	1.170	1.280	0.210	0.435
MINIMUM :	0.00	0.10	0.00	0.160	0.015	0.005	0.010
ARITH. MEAN :	0.36	1.13	0.22	0.403	0.240	0.053	0.159
ARITH. STD. DEV :	0.25	1.64	0.26	0.323	0.400	0.060	0.156
GEOM. MEAN :	0.35	0.43	0.15	0.326	0.069	0.031	0.084
1ST QUARTILE :	0.20	0.16	0.02	0.187	0.015	0.020	0.030
2ND QUARTILE :	0.27	0.22	0.12	0.285	0.030	0.035	0.140
3RD QUARTILE :	0.52	2.00	0.36	0.495	0.410	0.055	0.235
VOL. WGT. MEAN :	0.28	0.58	0.12	0.299	0.116	0.036	0.091
MISSING VALUES :	0	0	0	1	0	0	0

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION

STATION=MOONBEAM MIC TYPE A SITE NO.1

	AMMONIUM	PHOSPHOR	MANGANESE	NICKEL	ZINC	IRON	LEAD
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
# OF SAMPLES :	11	11	11	11	11	11	11
MAXIMUM :	0.745	0.069	0.014	0.0034	0.033	0.754	0.011
MINIMUM :	0.000	0.000	0.001	0.0002	0.001	0.007	0.001
ARITH. MEAN :	0.230	0.018	0.004	0.0009	0.009	0.133	0.006
ARITH. STD. DEV :	0.199	0.025	0.005	0.0010	0.016	0.229	0.004
GEOM. MEAN :	0.205	0.010	0.003	0.0006	0.003	0.044	0.004
1ST QUARTILE :	0.090	0.001	0.001	0.0002	0.001	0.012	0.002
2ND QUARTILE :	0.180	0.003	0.002	0.0006	0.002	0.030	0.004
3RD QUARTILE :	0.290	0.036	0.009	0.0013	0.025	0.159	0.009
VOL. WGT. MEAN :	0.198	0.008	0.003	0.0007	0.003	0.078	0.005
MISSING VALUES :	0	1	0	0	7	1	3

	VANADIUM	ALUMINUM	COPPER	CADMIUM	ACIDITY GRAN	FREEH+ LAB
	MG/L	MG/L	MG/L	MG/L	UG/L	UG/L
# OF SAMPLES :	11	11	11	11	11	11.00
MAXIMUM :	0.0005	2.721	0.0047	0.0001	81.70	53.70
MINIMUM :	0.0004	0.014	0.0006	0.0000	9.34	0.02
ARITH. MEAN :	0.0004	0.529	0.0027	0.0000	39.19	19.38
ARITH. STD. DEV :	0.0000	0.990	0.0015	0.0000	23.26	18.01
GEOM. MEAN :	0.0004	0.128	0.0022	0.0000	32.04	3.74
1ST QUARTILE :	0.0004	0.026	0.0010	0.0000	15.40	0.22
2ND QUARTILE :	0.0004	0.109	0.0030	0.0000	45.50	22.91
3RD QUARTILE :	0.0004	0.637	0.0038	0.0001	54.50	32.36
VOL. WGT. MEAN :	0.0004	0.340	0.0019	0.0000	42.23	33.88
MISSING VALUES :	0	4	5	0	0	0.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION

---------- STATION=MOOSONEE MIC TYPE A SITE NO.1 ----------

	EQUIVALENT PREC. DEPTH MM	VOLUME ML	CONDUCT UMHO/CM	LAB.PH	ACIDITY TFE	SULFATE MG/L
# OF SAMPLES :	9.0	9	9	9	9	9
MAXIMUM :	110.0	3355	31.00	8.28	.	12.50
MINIMUM :	20.6	85	8.00	4.36	.	0.80
ARITH. MEAN :	54.0	1486	15.31	5.42	.	2.89
ARITH. STD. DEV :	30.7	1188	7.94	1.39	.	3.96
GEOM. MEAN :	46.9	937	13.88	5.29	.	1.79
1ST QUARTILE :	30.2	510	9.00	4.61	.	0.87
2ND QUARTILE :	44.0	1058	13.00	4.72	.	1.27
3RD QUARTILE :	81.0	2743	20.00	6.39	.	2.80
VOL. WGT. MEAN :	.	2009	14.53	.	.	2.50
MISSING VALUES :	0.0	0	2	1	9	1

	NITRATE MG/L	CALCIUM MG/L	CHLORIDE MG/L	KJELDAHL MG/L	MAGNESIUM MG/L	POTASSIUM MG/L	SODIUM MG/L
# OF SAMPLES :	9	9	9	9	9	9	9
MAXIMUM :	0.50	1.58	2.75	9.000	0.405	0.295	0.510
MINIMUM :	0.07	0.06	0.00	0.090	0.010	0.005	0.050
ARITH. MEAN :	0.24	0.42	0.64	1.557	0.098	0.080	0.211
ARITH. STD. DEV :	0.14	0.50	0.88	3.286	0.130	0.100	0.163
GEOM. MEAN :	0.20	0.26	0.48	0.442	0.054	0.040	0.161
1ST QUARTILE :	0.11	0.12	0.21	0.190	0.027	0.010	0.080
2ND QUARTILE :	0.23	0.23	0.40	0.300	0.042	0.040	0.180
3RD QUARTILE :	0.32	0.50	0.57	0.580	0.121	0.090	0.320
VOL. WGT. MEAN :	0.21	0.34	0.56	0.794	0.077	0.111	0.191
MISSING VALUES :	1	1	1	2	1	2	2

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION

STATION=MOOSONEE MIC TYPE A SITE NO.1

	AMMONIUM	PHOSPHOR	MANGANESE	NICKEL	ZINC	IRON	LEAD
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
# OF SAMPLES :	9	9	9	9	9	9	9
MAXIMUM :	0.430	0.013	0.005	0.0107	0.073	0.181	0.023
MINIMUM :	0.040	0.000	0.001	0.0002	0.001	0.007	0.003
ARITH. MEAN :	0.207	0.003	0.002	0.0020	0.026	0.052	0.009
ARITH. STD. DEV :	0.153	0.005	0.002	0.0038	0.029	0.068	0.008
GEOM. MEAN :	0.158	0.006	0.001	0.0007	0.011	0.027	0.007
1ST QUARTILE :	0.100	0.000	0.001	0.0002	0.002	0.009	0.004
2ND QUARTILE :	0.145	0.000	0.001	0.0008	0.024	0.020	0.007
3RD QUARTILE :	0.377	0.004	0.003	0.0013	0.052	0.100	0.016
VOL. WGT. MEAN :	0.236	0.003	0.002	0.0016	0.023	0.040	0.010
MISSING VALUES :	3	2	2	2	4	3	4

	VANADIUM	ALUMINUM	COPPER	CADMIUM	ACIDITY GRAN	FREEH+ LAB
	MG/L	MG/L	MG/L	MG/L	UG/L	UG/L
# OF SAMPLES :	9	9	9	9	9	9.00
MAXIMUM :	0.0037	0.150	0.0571	0.0003	86.30	43.65
MINIMUM :	0.0004	0.011	0.0010	0.0000	0.00	0.01
ARITH. MEAN :	0.0009	0.064	0.0128	0.0001	37.71	16.98
ARITH. STD. DEV :	0.0012	0.075	0.0248	0.0001	25.45	14.79
GEOM. MEAN :	0.0005	0.038	0.0030	0.0001	38.67	3.82
1ST QUARTILE :	0.0004	0.011	0.0010	0.0000	19.32	1.60
2ND QUARTILE :	0.0004	0.031	0.0013	0.0000	39.35	19.30
3RD QUARTILE :	0.0004	0.150	0.0304	0.0002	46.90	24.44
VOL. WGT. MEAN :	0.0007	0.075	0.0106	0.0001	36.37	25.12
MISSING VALUES :	2	6	4	2	1	1.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION

---------- STATION=OTTER ISLAND MIC TYPE A SITE NO.1 ----------

	EQUIVALENT PREC. DEPTH MM	VOLUME ML	CONDUCT UMHO/CM	LAB.PH	ACIDITY TFE	SULFATE MG/L
# OF SAMPLES :	7.0	7	7	7	7	7
MAXIMUM :	131.0	2616	28.10	5.94	.	3.15
MINIMUM :	31.0	162	7.00	4.24	.	1.30
ARITH. MEAN :	67.1	1389	17.48	4.82	.	2.13
ARITH. STD. DEV :	32.8	824	7.29	0.56	.	0.66
GEOM. MEAN :	60.9	1074	15.98	4.79	.	2.04
1ST QUARTILE :	37.1	834	11.24	4.53	.	1.55
2ND QUARTILE :	64.7	1254	21.00	4.64	.	2.20
3RD QUARTILE :	74.1	2010	21.00	5.13	.	2.55
VOL. WGT. MEAN :	.	1508	18.06	.	.	2.13
MISSING VALUES :	0.0	0	0	0	7	0

	NITRATE MG/L	CALCIUM MG/L	CHLORIDE MG/L	KJELDAHL MG/L	MAGNESIUM MG/L	POTASSIUM MG/L	SODIUM MG/L
# OF SAMPLES :	7	7	7	7	7	7	7
MAXIMUM :	0.50	0.42	0.09	0.490	0.085	0.105	0.060
MINIMUM :	0.19	0.18	0.02	0.250	0.030	0.010	0.010
ARITH. MEAN :	0.34	0.31	0.06	0.375	0.054	0.041	0.038
ARITH. STD. DEV :	0.10	0.09	0.03	0.082	0.019	0.031	0.018
GEOM. MEAN :	0.33	0.30	0.05	0.367	0.051	0.033	0.033
1ST QUARTILE :	0.27	0.24	0.02	0.317	0.040	0.025	0.030
2ND QUARTILE :	0.38	0.30	0.07	0.370	0.045	0.035	0.035
3RD QUARTILE :	0.38	0.40	0.09	0.445	0.070	0.045	0.060
VOL. WGT. MEAN :	0.34	0.30	0.07	0.376	0.048	0.034	0.035
MISSING VALUES :	0	0	0	1	0	0	0

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION

STATION=OTTER ISLAND MIC TYPE A SITE NO.1

	AMMONIUM MG/L	PHOSPHOR MG/L	MANGANESE MG/L	NICKEL MG/L	ZINC MG/L	IRON MG/L	LEAD MG/L
# OF SAMPLES :	7	7	7	7	7	7	7
MAXIMUM :	0.540	0.005	0.014	0.0005	0.002	0.146	0.007
MINIMUM :	0.170	0.000	0.001	0.0002	0.001	0.009	0.003
ARITH. MEAN :	0.402	0.002	0.005	0.0003	0.002	0.035	0.006
ARITH. STD. DEV :	0.126	0.002	0.004	0.0001	0.000	0.049	0.002
GEOM. MEAN :	0.380	0.004	0.004	0.0003	0.002	0.021	0.005
1ST QUARTILE :	0.340	0.000	0.002	0.0002	0.002	0.011	0.003
2ND QUARTILE :	0.420	0.003	0.004	0.0002	0.002	0.019	0.007
3RD QUARTILE :	0.530	0.004	0.008	0.0005	0.002	0.021	0.007
VOL. WGT. MEAN :	0.390	0.002	0.005	0.0003	0.002	0.025	0.006
MISSING VALUES :	0	1	0	0	3	0	4

	VANADIUM MG/L	ALUMINUM MG/L	COPPER MG/L	CADMIUM MG/L	ACIDITY GRAN UG/L	FREEH+ LAB UG/L
# OF SAMPLES :	7	7	7	7	7	7.00
MAXIMUM :	0.0006	0.180	0.0038	0.0001	72.80	57.54
MINIMUM :	0.0004	0.014	0.0003	0.0000	20.60	1.15
ARITH. MEAN :	0.0004	0.057	0.0013	0.0000	47.13	23.72
ARITH. STD. DEV :	0.0001	0.083	0.0013	0.0000	16.97	18.18
GEOM. MEAN :	0.0004	0.028	0.0009	0.0000	44.10	15.14
1ST QUARTILE :	0.0004	0.014	0.0003	0.0000	33.00	7.41
2ND QUARTILE :	0.0004	0.016	0.0008	0.0000	47.70	22.91
3RD QUARTILE :	0.0004	0.139	0.0023	0.0000	57.30	29.51
VOL. WGT. MEAN :	0.0004	0.041	0.0009	0.0000	48.27	27.54
MISSING VALUES :	0	3	1	0	0	0.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION

---------- STATION=PALMERSTON MIC TYPE A SITE NO.1 ----------

	EQUIVALENT PREC. DEPTH MM	VOLUME ML	CONDUCT UMHO/CM	LAB.PH	ACIDITY TFE	SULFATE MG/L
# OF SAMPLES :	13.0	13	13	13	13	13
MAXIMUM :	140.0	2551	63.00	5.72	.	9.70
MINIMUM :	17.0	6	15.00	3.96	.	1.65
ARITH. MEAN :	55.3	1258	35.06	4.53	.	4.60
ARITH. STD. DEV :	34.4	873	14.77	0.49	.	2.29
GEOM. MEAN :	46.3	729	32.45	4.51	.	4.11
1ST QUARTILE :	27.5	478	25.13	4.13	.	2.90
2ND QUARTILE :	45.0	1005	34.50	4.43	.	4.25
3RD QUARTILE :	75.0	2132	37.70	4.78	.	6.26
VOL. WGT. MEAN :	.	1701	33.83	.	.	4.18
MISSING VALUES :	0.0	0	1	1	13	1

	NITRATE MG/L	CALCIUM MG/L	CHLORIDE MG/L	KJELDAHL MG/L	MAGNESIUM MG/L	POTASSIUM MG/L	SODIUM MG/L
# OF SAMPLES :	13	13	13	13	13	13	13
MAXIMUM :	1.75	1.64	1.10	2.800	0.405	0.210	0.515
MINIMUM :	0.32	0.16	0.08	0.310	0.015	0.010	0.015
ARITH. MEAN :	0.83	0.69	0.30	1.005	0.151	0.062	0.119
ARITH. STD. DEV :	0.49	0.57	0.34	0.787	0.133	0.067	0.169
GEOM. MEAN :	0.72	0.50	0.21	0.780	0.097	0.039	0.061
1ST QUARTILE :	0.49	0.23	0.11	0.430	0.040	0.017	0.026
2ND QUARTILE :	0.59	0.38	0.17	0.700	0.077	0.037	0.047
3RD QUARTILE :	1.14	1.27	0.30	1.670	0.274	0.082	0.111
VOL. WGT. MEAN :	0.67	0.46	0.19	0.739	0.095	0.041	0.064
MISSING VALUES :	1	1	1	2	1	1	1

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION

STATION=PALMERSTON MIC TYPE A SITE NO.1

	AMMONIUM	PHOSPHOR	MANGANESE	NICKEL	ZINC	IRON	LEAD
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
# OF SAMPLES :	13	13	13	13	13	13	13
MAXIMUM :	1.800	0.034	0.020	0.0022	0.009	0.143	0.040
MINIMUM :	0.270	0.000	0.001	0.0002	0.005	0.007	0.002
ARITH. MEAN :	0.932	0.010	0.005	0.0004	0.007	0.034	0.015
ARITH. STD. DEV :	0.610	0.010	0.006	0.0006	0.003	0.039	0.013
GEOM. MEAN :	0.746	0.009	0.003	0.0003	0.007	0.023	0.010
1ST QUARTILE :	0.391	0.003	0.001	0.0002	0.005	0.011	0.004
2ND QUARTILE :	0.745	0.007	0.003	0.0002	0.007	0.021	0.010
3RD QUARTILE :	1.652	0.015	0.010	0.0003	0.009	0.039	0.022
VOL. WGT. MEAN :	0.688	0.006	0.004	0.0003	0.006	0.024	0.018
MISSING VALUES :	1	2	2	2	11	2	6

	VANADIUM	ALUMINUM	COPPER	CADMIUM	ACIDITY GRAN	FREEH+ LAB
	MG/L	MG/L	MG/L	MG/L	UG/L	UG/L
# OF SAMPLES :	13	13	13	13	13	13.00
MAXIMUM :	0.0006	0.532	0.0045	0.0008	143.00	109.65
MINIMUM :	0.0004	0.010	0.0003	0.0000	40.10	1.91
ARITH. MEAN :	0.0004	0.121	0.0016	0.0001	81.90	44.16
ARITH. STD. DEV :	0.0001	0.188	0.0017	0.0002	29.82	33.17
GEOM. MEAN :	0.0004	0.052	0.0011	0.0000	77.20	29.51
1ST QUARTILE :	0.0004	0.017	0.0005	0.0000	62.40	17.40
2ND QUARTILE :	0.0004	0.040	0.0010	0.0000	73.60	37.19
3RD QUARTILE :	0.0004	0.155	0.0031	0.0000	104.95	75.81
VOL. WGT. MEAN :	0.0004	0.070	0.0014	0.0001	85.57	35.48
MISSING VALUES :	2	6	8	2	1	1.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION

STATION=PICKLE LAKE MIC TYPE A SITE NO.1

	EQUIVALENT PREC. DEPTH MM	VOLUME ML	CONDUCT UMHO/CM	LAB.PH	ACIDITY TFE	SULFATE MG/L
# OF SAMPLES :	13.0	13	13	13	13	13
MAXIMUM :	92.4	2684	15.10	5.72	.	1.65
MINIMUM :	12.5	2	3.00	4.35	.	0.30
ARITH. MEAN :	44.4	1070	7.39	5.16	.	0.85
ARITH. STD. DEV :	31.3	1069	3.39	0.40	.	0.44
GEOM. MEAN :	34.4	337	6.75	5.15	.	0.75
1ST QUARTILE :	16.6	97	4.50	4.94	.	0.50
2ND QUARTILE :	33.0	532	7.32	5.27	.	0.70
3RD QUARTILE :	81.6	2312	9.04	5.43	.	1.26
VOL. WGT. MEAN :	.	1728	6.14	.	.	0.69
MISSING VALUES :	0.0	0	3	3	13	3

	NITRATE MG/L	CALCIUM MG/L	CHLORIDE MG/L	KJELDAHL MG/L	MAGNESIUM MG/L	POTASSIUM MG/L	SODIUM MG/L
# OF SAMPLES :	13	13	13	13	13	13	13
MAXIMUM :	0.58	0.84	0.46	0.370	0.180	0.105	0.400
MINIMUM :	0.08	0.04	0.00	0.070	0.005	0.000	0.010
ARITH. MEAN :	0.23	0.22	0.14	0.221	0.045	0.030	0.108
ARITH. STD. DEV :	0.18	0.24	0.19	0.113	0.052	0.029	0.128
GEOM. MEAN :	0.18	0.15	0.11	0.190	0.028	0.027	0.057
1ST QUARTILE :	0.09	0.07	0.00	0.105	0.010	0.014	0.019
2ND QUARTILE :	0.17	0.14	0.05	0.240	0.035	0.022	0.050
3RD QUARTILE :	0.33	0.24	0.30	0.315	0.049	0.037	0.186
VOL. WGT. MEAN :	0.16	0.16	0.06	0.190	0.034	0.026	0.054
MISSING VALUES :	3	3	3	3	3	3	3

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION

STATION=PICKLE LAKE MIC TYPE A SITE NO.1

	AMMONIUM MG/L	PHOSPHOR MG/L	MANGANESE MG/L	NICKEL MG/L	ZINC MG/L	IRON MG/L	LEAD MG/L
# OF SAMPLES :	13	13	13	13	13	13	13
MAXIMUM :	0.275	0.025	0.007	0.0005	0.017	0.071	0.010
MINIMUM :	0.005	0.002	0.001	0.0002	0.002	0.009	0.006
ARITH. MEAN :	0.115	0.009	0.003	0.0003	0.005	0.024	0.008
ARITH. STD. DEV :	0.083	0.006	0.002	0.0001	0.006	0.024	0.001
GEOM. MEAN :	0.079	0.007	0.002	0.0003	0.004	0.018	0.008
1ST QUARTILE :	0.044	0.005	0.001	0.0002	0.002	0.010	0.007
2ND QUARTILE :	0.100	0.007	0.001	0.0002	0.003	0.013	0.007
3RD QUARTILE :	0.190	0.011	0.004	0.0004	0.010	0.037	0.009
VOL. WGT. MEAN :	0.116	0.009	0.002	0.0003	0.004	0.016	0.008
MISSING VALUES :	3	3	3	3	8	7	8

	VANADIUM MG/L	ALUMINUM MG/L	COPPER MG/L	CADMIUM MG/L	ACIDITY GRAN UG/L	FREEH+ LAB UG/L
# OF SAMPLES :	13	13	13	13	13	13.00
MAXIMUM :	0.0004	0.028	0.0027	0.0001	67.50	44.67
MINIMUM :	0.0004	0.017	0.0003	0.0000	20.40	1.91
ARITH. MEAN :	0.0004	0.022	0.0012	0.0000	31.70	10.71
ARITH. STD. DEV :	0.0000	0.008	0.0011	0.0000	14.28	12.98
GEOM. MEAN :	0.0004	0.022	0.0008	0.0000	29.58	6.87
1ST QUARTILE :	0.0004	0.017	0.0003	0.0000	21.97	3.69
2ND QUARTILE :	0.0004	0.022	0.0007	0.0000	25.75	5.37
3RD QUARTILE :	0.0004	0.028	0.0023	0.0000	35.47	12.15
VOL. WGT. MEAN :	0.0004	0.020	0.0008	0.0000	26.38	19.95
MISSING VALUES :	3	11	8	3	3	3.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION

STATION=PORT STANLEY MIC TYPE A SITE NO.1

	EQUIVALENT PREC. DEPTH MM	VOLUME ML	CONDUCT UMHO/CM	LAB.PH	ACIDITY TFE	SULFATE MG/L
# OF SAMPLES :	13.0	13	13	13	13	13
MAXIMUM :	113.0	3449	89.80	7.23	.	13.90
MINIMUM :	10.8	211	18.00	3.85	.	2.25
ARITH. MEAN :	57.9	1534	39.88	4.93	.	5.62
ARITH. STD. DEV :	33.7	927	19.92	1.19	.	3.18
GEOM. MEAN :	46.8	1200	36.09	4.82	.	4.94
1ST QUARTILE :	30.3	754	25.50	4.13	.	3.30
2ND QUARTILE :	48.0	1587	34.13	4.36	.	5.25
3RD QUARTILE :	86.0	2184	52.56	5.74	.	7.10
VOL. WGT. MEAN :	.	1994	35.82	.	.	4.77
MISSING VALUES :	0.0	0	0	0	13	0

	NITRATE MG/L	CALCIUM MG/L	CHLORIDE MG/L	KJELDAHL MG/L	MAGNESIUM MG/L	POTASSIUM MG/L	SODIUM MG/L
# OF SAMPLES :	13	13	13	13	13	13	13
MAXIMUM :	2.65	6.02	1.10	1.590	1.080	0.215	0.500
MINIMUM :	0.39	0.28	0.10	0.230	0.040	0.015	0.030
ARITH. MEAN :	0.97	1.70	0.31	0.676	0.265	0.056	0.108
ARITH. STD. DEV :	0.65	1.65	0.26	0.387	0.294	0.052	0.124
GEOM. MEAN :	0.83	1.12	0.25	0.583	0.154	0.043	0.077
1ST QUARTILE :	0.52	0.43	0.17	0.330	0.050	0.025	0.047
2ND QUARTILE :	0.85	1.08	0.23	0.610	0.180	0.035	0.070
3RD QUARTILE :	0.99	2.46	0.34	0.920	0.392	0.065	0.112
VOL. WGT. MEAN :	0.74	1.16	0.23	0.574	0.181	0.042	0.073
MISSING VALUES :	0	0	0	0	0	0	0

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION

STATION=PORT STANLEY MIC TYPE A SITE NO.1

	AMMONIUM	PHOSPHOR	MANGANESE	NICKEL	ZINC	IRON	LEAD
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
# OF SAMPLES :	13	13	13	13	13	13	13
MAXIMUM :	1.650	0.070	0.033	0.0052	0.004	0.668	0.023
MINIMUM :	0.185	0.000	0.002	0.0002	0.001	0.014	0.002
ARITH. MEAN :	0.606	0.017	0.009	0.0008	0.003	0.099	0.010
ARITH. STD. DEV :	0.390	0.023	0.009	0.0014	0.001	0.175	0.008
GEOM. MEAN :	0.507	0.008	0.006	0.0005	0.002	0.051	0.008
1ST QUARTILE :	0.257	0.002	0.003	0.0002	0.002	0.025	0.004
2ND QUARTILE :	0.555	0.005	0.004	0.0004	0.003	0.038	0.006
3RD QUARTILE :	0.780	0.021	0.013	0.0007	0.003	0.101	0.017
VOL. WGT. MEAN :	0.516	0.012	0.006	0.0005	0.002	0.048	0.010
MISSING VALUES :	0	0	0	0	9	0	4

	VANADIUM	ALUMINUM	COPPER	CADMIUM	ACIDITY GRAN	FREEH+ LAB
	MG/L	MG/L	MG/L	MG/L	UG/L	UG/L
# OF SAMPLES :	13	13	13	13	13	13.00
MAXIMUM :	0.0007	0.241	0.0032	0.0030	197.00	141.25
MINIMUM :	0.0004	0.013	0.0009	0.0000	15.70	0.06
ARITH. MEAN :	0.0004	0.088	0.0018	0.0003	74.88	46.74
ARITH. STD. DEV :	0.0001	0.080	0.0010	0.0008	54.11	45.63
GEOM. MEAN :	0.0004	0.060	0.0015	0.0001	56.59	11.67
1ST QUARTILE :	0.0004	0.027	0.0009	0.0000	28.45	5.76
2ND QUARTILE :	0.0004	0.060	0.0014	0.0000	73.90	43.65
3RD QUARTILE :	0.0004	0.162	0.0028	0.0002	106.00	74.13
VOL. WGT. MEAN :	0.0004	0.051	0.0017	0.0004	76.64	51.29
MISSING VALUES :	0	3	7	0	0	0.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION

STATION=QUETICO CENTRE MIC TYPE A SITE NO.1

	EQUIVALENT PREC. DEPTH MM	VOLUME ML	CONDUCT UMHO/CM	LAB.PH	ACIDITY TFE	SULFATE MG/L
# OF SAMPLES :	13.0	13	13	13	13	13
MAXIMUM :	131.3	4444	36.00	6.55	.	4.10
MINIMUM :	2.9	78	6.00	4.08	.	0.65
ARITH. MEAN :	44.3	1247	15.45	4.95	.	1.68
ARITH. STD. DEV :	41.4	1400	10.02	0.73	.	1.10
GEOM. MEAN :	29.1	707	13.06	4.90	.	1.43
1ST QUARTILE :	14.9	294	8.00	4.37	.	0.95
2ND QUARTILE :	29.8	723	11.24	4.77	.	1.25
3RD QUARTILE :	64.0	1851	22.50	5.12	.	2.02
VOL. WGT. MEAN :	.	2424	10.79	.	.	1.21
MISSING VALUES :	0.0	0	0	0	13	0

	NITRATE MG/L	CALCIUM MG/L	CHLORIDE MG/L	KJELDAHL MG/L	MAGNESIUM MG/L	POTASSIUM MG/L	SODIUM MG/L
# OF SAMPLES :	13	13	13	13	13	13	13
MAXIMUM :	0.77	1.06	0.70	0.860	0.170	0.115	0.620
MINIMUM :	0.16	0.14	0.00	0.150	0.015	0.000	0.000
ARITH. MEAN :	0.37	0.32	0.15	0.343	0.052	0.038	0.119
ARITH. STD. DEV :	0.20	0.28	0.18	0.202	0.044	0.033	0.158
GEOM. MEAN :	0.33	0.25	0.12	0.300	0.040	0.030	0.085
1ST QUARTILE :	0.20	0.16	0.02	0.185	0.027	0.012	0.042
2ND QUARTILE :	0.35	0.20	0.11	0.280	0.035	0.025	0.075
3RD QUARTILE :	0.50	0.35	0.19	0.452	0.057	0.062	0.115
VOL. WGT. MEAN :	0.27	0.23	0.06	0.301	0.042	0.038	0.051
MISSING VALUES :	0	0	0	1	0	0	0

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION

STATION=QUETICO CENTRE MIC TYPE A SITE NO.1

	AMMONIUM	PHOSPHOR	MANGANESE	NICKEL	ZINC	IRON	LEAD
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
# OF SAMPLES :	13	13	13	13	13	13	13
MAXIMUM :	0.540	0.047	0.008	0.0004	0.005	0.093	0.021
MINIMUM :	0.015	0.000	0.001	0.0002	0.001	0.005	0.001
ARITH. MEAN :	0.227	0.009	0.003	0.0002	0.003	0.032	0.007
ARITH. STD. DEV :	0.138	0.013	0.002	0.0001	0.001	0.025	0.007
GEOM. MEAN :	0.176	0.008	0.002	0.0002	0.002	0.024	0.005
1ST QUARTILE :	0.115	0.004	0.002	0.0002	0.002	0.013	0.002
2ND QUARTILE :	0.210	0.005	0.002	0.0002	0.002	0.026	0.005
3RD QUARTILE :	0.310	0.010	0.004	0.0002	0.002	0.045	0.011
VOL. WGT. MEAN :	0.218	0.006	0.003	0.0003	0.004	0.041	0.005
MISSING VALUES :	0	1	1	1	0.002	2	7
					9		

	VANADIUM	ALUMINUM	COPPER	CADMIUM	ACIDITY GRAN	FREEH+ LAB
	MG/L	MG/L	MG/L	MG/L	UG/L	UG/L
# OF SAMPLES :	13	13	13	13	13	13.00
MAXIMUM :	0.0004	0.076	0.0037	0.0000	113.00	83.18
MINIMUM :	0.0004	0.008	0.0003	0.0000	19.70	0.28
ARITH. MEAN :	0.0004	0.047	0.0011	0.0000	47.65	24.09
ARITH. STD. DEV :	0.0000	0.025	0.0013	0.0000	26.79	24.02
GEOM. MEAN :	0.0004	0.038	0.0008	0.0000	41.94	11.32
1ST QUARTILE :	0.0004	0.028	0.0004	0.0000	27.60	7.68
2ND QUARTILE :	0.0004	0.049	0.0007	0.0000	38.00	16.98
3RD QUARTILE :	0.0004	0.065	0.0017	0.0000	67.60	42.84
VOL. WGT. MEAN :	0.0004	0.046	0.0006	0.0000	35.97	19.05
MISSING VALUES :	1	8	7	1	0	0.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION

STATION=SHALLOW LAKE MIC TYPE A SITE NO.1

	EQUIVALENT PREC. DEPTH MM	VOLUME ML	CONDUCT UMHO/CM	LAB.PH	ACIDITY TFE	SULFATE MG/L
# OF SAMPLES :	13.0	13	13	13	13	13
MAXIMUM :	175.0	4117	76.50	4.62	.	9.65
MINIMUM :	10.5	595	16.50	3.85	.	1.10
ARITH. MEAN :	69.6	1786	33.09	4.28	.	3.55
ARITH. STD. DEV :	47.1	1112	16.86	0.21	.	2.52
GEOM. MEAN :	54.9	1504	29.90	4.27	.	2.87
1ST QUARTILE :	32.9	938	21.60	4.13	.	1.62
2ND QUARTILE :	56.5	1410	27.00	4.30	.	2.65
3RD QUARTILE :	107.7	2496	44.89	4.45	.	5.05
VOL. WGT. MEAN :	.	2385	34.00	.	.	3.65
MISSING VALUES :	0.0	0	0	0	13	0

	NITRATE MG/L	CALCIUM MG/L	CHLORIDE MG/L	KJELDAHL MG/L	MAGNESIUM MG/L	POTASSIUM MG/L	SODIUM MG/L
# OF SAMPLES :	13	13	13	13	13	13	13
MAXIMUM :	1.20	1.04	0.35	1.480	0.295	0.215	0.100
MINIMUM :	0.31	0.06	0.05	0.180	0.010	0.000	0.000
ARITH. MEAN :	0.67	0.37	0.17	0.648	0.070	0.043	0.057
ARITH. STD. DEV :	0.29	0.32	0.08	0.407	0.080	0.059	0.035
GEOM. MEAN :	0.62	0.26	0.16	0.539	0.046	0.031	0.052
1ST QUARTILE :	0.41	0.13	0.12	0.380	0.027	0.010	0.032
2ND QUARTILE :	0.66	0.28	0.16	0.540	0.045	0.020	0.050
3RD QUARTILE :	0.92	0.44	0.22	0.875	0.065	0.062	0.095
VOL. WGT. MEAN :	0.65	0.35	0.16	0.620	0.064	0.040	0.049
MISSING VALUES :	0	0	0	0	0	0	0

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION

STATION=SHALLOW LAKE MIC TYPE A SITE NO.1

	AMMONIUM	PHOSPHOR	MANGANESE	NICKEL	ZINC	IRON	LEAD
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
# OF SAMPLES :	13	13	13	13	13	13	13
MAXIMUM :	1.300	0.085	0.012	0.0040	0.007	0.113	0.012
MINIMUM :	0.070	0.002	0.001	0.0002	0.001	0.004	0.001
ARITH. MEAN :	0.561	0.014	0.003	0.0007	0.003	0.027	0.005
ARITH. STD. DEV :	0.383	0.023	0.003	0.0011	0.002	0.030	0.004
GEOM. MEAN :	0.423	0.007	0.002	0.0004	0.002	0.018	0.004
1ST QUARTILE :	0.322	0.003	0.001	0.0002	0.002	0.009	0.002
2ND QUARTILE :	0.460	0.005	0.002	0.0002	0.002	0.020	0.004
3RD QUARTILE :	0.860	0.013	0.003	0.0008	0.005	0.034	0.006
VOL. WGT. MEAN :	0.556	0.011	0.002	0.0006	0.003	0.023	0.005
MISSING VALUES :	0	0	0	0	8	0	5

	VANADIUM	ALUMINUM	COPPER	CADMIUM	ACIDITY GRAN	FREEH+ LAB
	MG/L	MG/L	MG/L	MG/L	UG/L	UG/L
# OF SAMPLES :	13	13	13	13	13	13.00
MAXIMUM :	0.0007	0.113	0.0022	0.0001	182.00	141.25
MINIMUM :	0.0004	0.008	0.0003	0.0000	55.00	23.99
ARITH. MEAN :	0.0004	0.037	0.0011	0.0000	86.89	59.34
ARITH. STD. DEV :	0.0001	0.030	0.0006	0.0000	34.83	32.29
GEOM. MEAN :	0.0004	0.029	0.0009	0.0000	81.84	52.76
1ST QUARTILE :	0.0004	0.021	0.0006	0.0000	59.45	35.19
2ND QUARTILE :	0.0004	0.031	0.0009	0.0000	77.20	50.12
3RD QUARTILE :	0.0004	0.039	0.0014	0.0000	104.35	73.87
VOL. WGT. MEAN :	0.0004	0.031	0.0012	0.0000	88.82	32.36
MISSING VALUES :	0	4	4	0	0	0.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION

STATION=SMITHS FALLS MIC TYPE A SITE NO.1

	EQUIVALENT PREC. DEPTH MM	VOLUME ML	CONDUCT UMHO/CM	LAB.PH	ACIDITY TFE	SULFATE MG/L
# OF SAMPLES :	13.0	13	13	13	13	13
MAXIMUM :	149.0	2819	47.00	4.75	.	6.00
MINIMUM :	18.0	342	10.00	4.05	.	0.95
ARITH. MEAN :	67.0	1382	30.90	4.32	.	2.91
ARITH. STD. DEV :	40.1	810	12.99	0.24	.	1.59
GEOM. MEAN :	57.1	1143	27.52	4.31	.	2.50
1ST QUARTILE :	36.0	622	17.25	4.11	.	1.49
2ND QUARTILE :	58.0	1385	33.75	4.24	.	2.67
3RD QUARTILE :	85.5	2006	42.25	4.54	.	4.05
VOL. WGT. MEAN :	.	1736	28.22	.	.	2.80
MISSING VALUES :	0.0	1	1	1	13	1

	NITRATE MG/L	CALCIUM MG/L	CHLORIDE MG/L	KJELDAHL MG/L	MAGNESIUM MG/L	POTASSIUM MG/L	SODIUM MG/L
# OF SAMPLES :	13	13	13	13	13	13	13
MAXIMUM :	1.30	0.74	0.62	0.930	0.135	0.075	0.365
MINIMUM :	0.26	0.10	0.08	0.170	0.015	0.005	0.020
ARITH. MEAN :	0.63	0.33	0.23	0.444	0.070	0.022	0.093
ARITH. STD. DEV :	0.34	0.20	0.15	0.237	0.040	0.022	0.098
GEOM. MEAN :	0.55	0.28	0.20	0.392	0.059	0.015	0.062
1ST QUARTILE :	0.32	0.15	0.13	0.267	0.037	0.005	0.022
2ND QUARTILE :	0.54	0.29	0.19	0.420	0.062	0.015	0.070
3RD QUARTILE :	0.95	0.40	0.30	0.515	0.109	0.029	0.114
VOL. WGT. MEAN :	0.58	0.31	0.20	0.414	0.072	0.023	0.076
MISSING VALUES :	1	1	1	1	1	1	1

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION

STATION=SMITHS FALLS MIC TYPE A SITE NO.1

	AMMONIUM	PHOSPHOR	MANGANESE	NICKEL	ZINC	IRON	LEAD
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
# OF SAMPLES :	13	13	13	13	13	13	13
MAXIMUM :	0.840	0.026	0.005	0.0006	0.013	0.054	0.021
MINIMUM :	0.085	0.000	0.001	0.0002	0.008	0.007	0.002
ARITH. MEAN :	0.329	0.008	0.002	0.0003	0.010	0.021	0.008
ARITH. STD. DEV :	0.216	0.008	0.001	0.0001	0.003	0.013	0.006
GEOM. MEAN :	0.267	0.007	0.002	0.0003	0.010	0.018	0.006
1ST QUARTILE :	0.156	0.002	0.001	0.0002	0.008	0.014	0.002
2ND QUARTILE :	0.315	0.006	0.002	0.0002	0.010	0.017	0.008
3RD QUARTILE :	0.440	0.011	0.003	0.0004	0.013	0.025	0.012
VOL. WGT. MEAN :	0.322	0.007	0.002	0.0003	0.010	0.019	0.006
MISSING VALUES :	1	1	2	2	11	2	5

	VANADIUM	ALUMINUM	COPPER	CADMIUM	ACIDITY GRAN	FREEH+ LAB
	MG/L	MG/L	MG/L	MG/L	UG/L	UG/L
# OF SAMPLES :	13	13	13	13	13	13.00
MAXIMUM :	0.0007	0.043	0.0012	0.0003	124.00	89.13
MINIMUM :	0.0004	0.007	0.0004	0.0000	38.60	17.78
ARITH. MEAN :	0.0004	0.019	0.0007	0.0001	82.37	54.77
ARITH. STD. DEV :	0.0001	0.012	0.0003	0.0001	30.30	25.41
GEOM. MEAN :	0.0004	0.016	0.0007	0.0000	76.64	48.32
1ST QUARTILE :	0.0004	0.009	0.0005	0.0000	51.02	28.52
2ND QUARTILE :	0.0004	0.020	0.0006	0.0000	86.95	56.89
3RD QUARTILE :	0.0004	0.026	0.0011	0.0000	111.50	76.75
VOL. WGT. MEAN :	0.0004	0.016	0.0007	0.0000	77.78	52.48
MISSING VALUES :	2	4	7	2	1	1.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION

---------- STATION=SUTTON MIC TYPE A SITE NO.1 ----------

	EQUIVALENT PREC. DEPTH MM	VOLUME ML	CONDUCT UMHO/CM	LAB.PH	ACIDITY TFE	SULFATE MG/L
# OF SAMPLES :	13.0	13	13	13	13	13
MAXIMUM :	157.0	4678	53.56	7.52	.	5.15
MINIMUM :	4.1	229	14.00	3.90	.	0.95
ARITH. MEAN :	67.2	1858	28.02	4.79	.	2.65
ARITH. STD. DEV :	42.0	1408	11.21	1.16	.	1.43
GEOM. MEAN :	51.1	1410	26.09	4.69	.	2.32
1ST QUARTILE :	34.4	858	18.70	4.22	.	1.57
2ND QUARTILE :	69.3	1425	26.45	4.46	.	1.90
3RD QUARTILE :	96.7	2588	35.50	4.53	.	3.97
VOL. WGT. MEAN :	.	2519	27.12	.	.	2.45
MISSING VALUES :	0.0	0	1	0	13	0

	NITRATE MG/L	CALCIUM MG/L	CHLORIDE MG/L	KJELDAHL MG/L	MAGNESIUM MG/L	POTASSIUM MG/L	SODIUM MG/L
# OF SAMPLES :	13	13	13	13	13	13	13
MAXIMUM :	1.06	1.08	0.42	5.650	0.200	0.410	0.225
MINIMUM :	0.05	0.06	0.05	0.140	0.005	0.000	0.000
ARITH. MEAN :	0.54	0.23	0.20	0.832	0.032	0.058	0.080
ARITH. STD. DEV :	0.32	0.27	0.12	1.537	0.051	0.113	0.069
GEOM. MEAN :	0.43	0.17	0.16	0.419	0.019	0.028	0.063
1ST QUARTILE :	0.27	0.11	0.08	0.212	0.010	0.010	0.025
2ND QUARTILE :	0.46	0.14	0.20	0.325	0.015	0.022	0.065
3RD QUARTILE :	0.82	0.24	0.30	0.702	0.030	0.059	0.115
VOL. WGT. MEAN :	0.42	0.19	0.18	0.803	0.025	0.062	0.066
MISSING VALUES :	0	0	0	1	0	1	0

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION

STATION=SUTTON MIC TYPE A SITE NO.1

	AMMONIUM	PHOSPHOR	MANGANESE	NICKEL	ZINC	IRON	LEAD
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
# OF SAMPLES :	13	13	13	13	13	13	13
MAXIMUM :	3.200	0.285	0.029	0.0011	0.014	0.055	0.013
MINIMUM :	0.055	0.000	0.001	0.0002	0.001	0.007	0.004
ARITH. MEAN :	0.528	0.031	0.005	0.0003	0.007	0.023	0.008
ARITH. STD. DEV :	0.860	0.080	0.007	0.0003	0.006	0.018	0.003
GEOM. MEAN :	0.293	0.010	0.003	0.0003	0.004	0.017	0.008
1ST QUARTILE :	0.161	0.002	0.001	0.0002	0.002	0.009	0.005
2ND QUARTILE :	0.262	0.005	0.003	0.0002	0.006	0.017	0.008
3RD QUARTILE :	0.396	0.019	0.005	0.0004	0.012	0.038	0.011
VOL. WGT. MEAN :	0.511	0.032	0.004	0.0003	0.006	0.019	0.008
MISSING VALUES :	1	1	0	0	7	1	8

	VANADIUM	ALUMINUM	COPPER	CADMIUM	ACIDITY GRAN	FREEH+ LAB
	MG/L	MG/L	MG/L	MG/L	UG/L	UG/L
# OF SAMPLES :	13	13	13	13	13	13.00
MAXIMUM :	0.0015	0.087	0.0095	0.0003	160.00	125.89
MINIMUM :	0.0004	0.007	0.0004	0.0000	24.60	0.03
ARITH. MEAN :	0.0006	0.028	0.0018	0.0001	76.15	44.97
ARITH. STD. DEV :	0.0004	0.030	0.0029	0.0001	38.94	33.82
GEOM. MEAN :	0.0005	0.018	0.0010	0.0000	67.11	16.10
1ST QUARTILE :	0.0004	0.007	0.0005	0.0000	50.75	29.18
2ND QUARTILE :	0.0004	0.014	0.0008	0.0000	74.10	34.67
3RD QUARTILE :	0.0008	0.048	0.0014	0.0000	102.50	61.28
VOL. WGT. MEAN :	0.0007	0.025	0.0012	0.0001	62.64	72.44
MISSING VALUES :	0	6	4	0	0	0.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION

STATION=TURKEY LAKES MIC TYPE A SITE NO.1

	EQUIVALENT PREC. DEPTH MM	VOLUME ML	CONDUCT UMHO/CM	LAB.PH	ACIDITY TFE	SULFATE MG/L
# OF SAMPLES :	13.0	13	13	13	13	13
MAXIMUM :	175.0	5100	28.00	5.24	.	3.80
MINIMUM :	17.3	309	7.50	4.16	.	1.00
ARITH. MEAN :	74.5	2106	18.31	4.55	.	1.95
ARITH. STD. DEV :	45.9	1358	5.86	0.29	.	0.77
GEOM. MEAN :	62.5	1670	17.32	4.55	.	1.82
1ST QUARTILE :	40.9	1014	14.13	4.39	.	1.35
2ND QUARTILE :	67.2	1935	18.80	4.48	.	1.90
3RD QUARTILE :	99.7	2888	23.20	4.62	.	2.25
VOL. WGT. MEAN :	.	2861	17.35	.	.	1.88
MISSING VALUES :	0.0	0	0	0	13	0

	NITRATE MG/L	CALCIUM MG/L	CHLORIDE MG/L	KJELDAHL MG/L	MAGNESIUM MG/L	POTASSIUM MG/L	SODIUM MG/L
# OF SAMPLES :	13	13	13	13	13	13	13
MAXIMUM :	0.79	0.40	0.27	0.630	0.065	0.210	0.130
MINIMUM :	0.23	0.06	0.00	0.160	0.005	0.000	0.010
ARITH. MEAN :	0.43	0.21	0.11	0.384	0.030	0.034	0.058
ARITH. STD. DEV :	0.15	0.11	0.09	0.163	0.019	0.056	0.041
GEOM. MEAN :	0.41	0.18	0.14	0.350	0.024	0.024	0.044
1ST QUARTILE :	0.34	0.12	0.00	0.230	0.012	0.002	0.020
2ND QUARTILE :	0.37	0.18	0.14	0.360	0.025	0.015	0.055
3RD QUARTILE :	0.52	0.31	0.18	0.535	0.045	0.037	0.092
VOL. WGT. MEAN :	0.39	0.19	0.08	0.368	0.027	0.034	0.043
MISSING VALUES :	0	0	0	0	0	0	0

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION

STATION=TURKEY LAKES MIC TYPE A SITE NO.1

	AMMONIUM	PHOSPHOR	MANGANESE	NICKEL	ZINC	IRON	LEAD
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
# OF SAMPLES :	13	13	13	13	13	13	13
MAXIMUM :	0.595	0.016	0.048	0.0007	0.009	0.075	0.007
MINIMUM :	0.080	0.000	0.001	0.0002	0.001	0.007	0.001
ARITH. MEAN :	0.330	0.005	0.006	0.0003	0.003	0.021	0.004
ARITH. STD. DEV :	0.163	0.004	0.013	0.0002	0.003	0.018	0.002
GEOM. MEAN :	0.286	0.005	0.003	0.0003	0.002	0.016	0.003
1ST QUARTILE :	0.185	0.002	0.001	0.0002	0.001	0.008	0.002
2ND QUARTILE :	0.340	0.004	0.003	0.0002	0.002	0.018	0.003
3RD QUARTILE :	0.467	0.007	0.005	0.0003	0.004	0.025	0.005
VOL. WGT. MEAN :	0.321	0.004	0.006	0.0003	0.003	0.019	0.003
MISSING VALUES :	0	0	0	0	6	0	5

	VANADIUM	ALUMINUM	COPPER	CADMIUM	ACIDITY GRAN	FREEH+ LAB
	MG/L	MG/L	MG/L	MG/L	UG/L	UG/L
# OF SAMPLES :	13	13	13	13	13	13.00
MAXIMUM :	0.0004	0.031	0.0051	0.0001	91.10	69.18
MINIMUM :	0.0004	0.007	0.0003	0.0000	28.20	5.75
ARITH. MEAN :	0.0004	0.020	0.0017	0.0000	55.01	32.79
ARITH. STD. DEV :	0.0000	0.009	0.0020	0.0000	15.63	16.27
GEOM. MEAN :	0.0004	0.018	0.0010	0.0000	52.86	27.94
1ST QUARTILE :	0.0004	0.011	0.0005	0.0000	47.75	23.99
2ND QUARTILE :	0.0004	0.018	0.0009	0.0000	56.20	33.11
3RD QUARTILE :	0.0004	0.028	0.0032	0.0000	61.60	40.27
VOL. WGT. MEAN :	0.0004	0.017	0.0014	0.0000	52.34	28.84
MISSING VALUES :	0	6	8	0	0	0.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION

---------- STATION=UXBRIDGE MIC TYPE A SITE NO.1 ----------

	EQUIVALENT PREC. DEPTH MM	VOLUME ML	CONDUCT UMHO/CM	LAB.PH	ACIDITY TFE	SULFATE MG/L
# OF SAMPLES :	11.0	11	11	11	11	11
MAXIMUM :	182.0	4900	100.00	7.63	.	11.20
MINIMUM :	23.0	80	8.00	4.18	.	1.30
ARITH. MEAN :	62.5	1563	30.74	4.85	.	3.94
ARITH. STD. DEV :	46.4	1376	24.97	1.00	.	2.60
GEOM. MEAN :	51.1	1015	24.85	4.77	.	3.42
1ST QUARTILE :	28.9	578	15.50	4.27	.	2.80
2ND QUARTILE :	53.5	1377	22.00	4.53	.	3.25
3RD QUARTILE :	77.0	2024	34.98	4.80	.	4.60
VOL. WGT. MEAN :	.	2242	29.77	.	.	3.74
MISSING VALUES :	0.0	0	0	0	11	0

	NITRATE MG/L	CALCIUM MG/L	CHLORIDE MG/L	KJELDAHL MG/L	MAGNESIUM MG/L	POTASSIUM MG/L	SODIUM MG/L
# OF SAMPLES :	11	11	11	11	11	11	11
MAXIMUM :	1.10	2.56	1.30	8.250	0.425	0.135	1.780
MINIMUM :	0.21	0.16	0.00	0.230	0.020	0.000	0.025
ARITH. MEAN :	0.58	0.80	0.30	1.360	0.101	0.044	0.239
ARITH. STD. DEV :	0.25	0.65	0.36	2.444	0.113	0.043	0.520
GEOM. MEAN :	0.53	0.62	0.24	0.675	0.071	0.033	0.084
1ST QUARTILE :	0.40	0.34	0.12	0.360	0.040	0.009	0.040
2ND QUARTILE :	0.59	0.70	0.22	0.525	0.070	0.037	0.055
3RD QUARTILE :	0.71	0.96	0.28	1.152	0.115	0.069	0.095
VOL. WGT. MEAN :	0.56	0.67	0.23	1.058	0.087	0.046	0.144
MISSING VALUES :	0	0	0	1	0	1	0

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION

STATION=UXBRIDGE MIC TYPE A SITE NO.1

	AMMONIUM	PHOSPHOR	MANGANESE	NICKEL	ZINC	IRON	LEAD
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
# OF SAMPLES :	11	11	11	11	11	11	11
MAXIMUM :	1.050	0.094	0.007	0.0030	0.095	0.134	0.028
MINIMUM :	0.065	0.002	0.001	0.0002	0.001	0.009	0.002
ARITH. MEAN :	0.419	0.019	0.004	0.0008	0.029	0.041	0.011
ARITH. STD. DEV :	0.265	0.030	0.002	0.0009	0.044	0.043	0.009
GEOM. MEAN :	0.340	0.008	0.003	0.0005	0.010	0.029	0.008
1ST QUARTILE :	0.222	0.002	0.003	0.0002	0.002	0.018	0.004
2ND QUARTILE :	0.425	0.007	0.003	0.0005	0.009	0.025	0.008
3RD QUARTILE :	0.497	0.025	0.005	0.0011	0.074	0.062	0.019
VOL. WGT. MEAN :	0.480	0.020	0.004	0.0007	0.023	0.037	0.007
MISSING VALUES :	1	2	1	1	7	2	3

	VANADIUM	ALUMINUM	COPPER	CADMIUM	ACIDITY GRAN	FREEH+ LAB
	MG/L	MG/L	MG/L	MG/L	UG/L	UG/L
# OF SAMPLES :	11	11	11	11	11	11.00
MAXIMUM :	0.0006	0.648	0.0165	0.0008	99.40	66.07
MINIMUM :	0.0004	0.007	0.0005	0.0000	26.80	0.02
ARITH. MEAN :	0.0004	0.098	0.0038	0.0001	58.34	31.55
ARITH. STD. DEV :	0.0001	0.196	0.0057	0.0003	23.58	21.59
GEOM. MEAN :	0.0004	0.037	0.0019	0.0000	53.99	14.15
1ST QUARTILE :	0.0004	0.017	0.0007	0.0000	40.00	15.85
2ND QUARTILE :	0.0004	0.026	0.0016	0.0000	57.50	29.51
3RD QUARTILE :	0.0004	0.089	0.0039	0.0001	73.70	53.70
VOL. WGT. MEAN :	0.0004	0.066	0.0023	0.0001	62.49	29.51
MISSING VALUES :	1	1	4	1	0	0.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION

---------- STATION=WATERLOO MIC TYPE A SITE NO.1 ----------

	EQUIVALENT PREC. DEPTH MM	VOLUME ML	CONDUCT UMHO/CM	LAB.PH	ACIDITY TFE	SULFATE MG/L
# OF SAMPLES :	13.0	13	13	13	13	13
MAXIMUM :	186.0	4893	55.00	6.40	.	8.85
MINIMUM :	18.8	409	12.00	4.02	.	1.45
ARITH. MEAN :	74.5	1934	31.74	4.51	.	3.86
ARITH. STD. DEV :	57.2	1445	14.35	0.62	.	2.34
GEOM. MEAN :	57.0	1495	28.68	4.47	.	3.29
1ST QUARTILE :	27.2	805	23.40	4.20	.	2.06
2ND QUARTILE :	52.1	1919	27.04	4.41	.	3.10
3RD QUARTILE :	108.5	2400	44.55	4.49	.	5.77
VOL. WGT. MEAN :	.	2911	33.89	.	.	4.07
MISSING VALUES :	0.0	0	1	1	13	1

	NITRATE MG/L	CALCIUM MG/L	CHLORIDE MG/L	KJELDAHL MG/L	MAGNESIUM MG/L	POTASSIUM MG/L	SODIUM MG/L
# OF SAMPLES :	13	13	13	13	13	13	13
MAXIMUM :	1.34	2.48	0.52	1.570	0.435	0.185	0.295
MINIMUM :	0.23	0.14	0.08	0.160	0.020	0.000	0.015
ARITH. MEAN :	0.66	0.66	0.23	0.728	0.118	0.045	0.084
ARITH. STD. DEV :	0.32	0.64	0.12	0.445	0.114	0.052	0.075
GEOM. MEAN :	0.59	0.47	0.20	0.605	0.085	0.032	0.063
1ST QUARTILE :	0.46	0.30	0.14	0.362	0.055	0.015	0.035
2ND QUARTILE :	0.59	0.44	0.22	0.635	0.070	0.027	0.067
3RD QUARTILE :	0.76	0.75	0.30	1.035	0.160	0.054	0.097
VOL. WGT. MEAN :	0.59	0.59	0.21	0.736	0.105	0.045	0.080
MISSING VALUES :	1	1	1	1	1	1	1

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION

STATION=WATERLOO MIC TYPE A SITE NO.1

	AMMONIUM	PHOSPHOR	MANGANESE	NICKEL	ZINC	IRON	LEAD
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
# OF SAMPLES :	13	13	13	13	13	13	13
MAXIMUM :	1.460	0.014	0.020	0.0013	0.010	0.146	0.010
MINIMUM :	0.135	0.000	0.001	0.0002	0.002	0.009	0.002
ARITH. MEAN :	0.570	0.007	0.005	0.0004	0.007	0.052	0.006
ARITH. STD. DEV :	0.391	0.004	0.005	0.0004	0.005	0.046	0.004
GEOM. MEAN :	0.461	0.007	0.003	0.0003	0.005	0.038	0.005
1ST QUARTILE :	0.272	0.004	0.002	0.0002	0.002	0.025	0.003
2ND QUARTILE :	0.487	0.007	0.003	0.0002	0.008	0.028	0.005
3RD QUARTILE :	0.654	0.009	0.006	0.0005	0.010	0.060	0.010
VOL. WGT. MEAN :	0.537	0.006	0.004	0.0004	0.006	0.036	0.007
MISSING VALUES :	1	1	1	1	10	1	5

	VANADIUM	ALUMINUM	COPPER	CADMIUM	ACIDITY GRAN	FREEH+ LAB
	MG/L	MG/L	MG/L	MG/L	UG/L	UG/L
# OF SAMPLES :	13	13	13	13	13	13.00
MAXIMUM :	0.0004	0.175	0.0065	0.0001	129.00	95.50
MINIMUM :	0.0004	0.008	0.0003	0.0000	21.90	0.40
ARITH. MEAN :	0.0004	0.051	0.0016	0.0001	74.27	46.66
ARITH. STD. DEV :	0.0000	0.049	0.0018	0.0000	28.99	27.56
GEOM. MEAN :	0.0004	0.035	0.0011	0.0000	68.31	31.08
1ST QUARTILE :	0.0004	0.018	0.0006	0.0000	56.75	32.55
2ND QUARTILE :	0.0004	0.036	0.0011	0.0000	69.95	38.48
3RD QUARTILE :	0.0004	0.063	0.0018	0.0001	94.47	62.48
VOL. WGT. MEAN :	0.0004	0.042	0.0018	0.0000	79.48	0.40
MISSING VALUES :	1	2	3	1	1	1.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION

STATION=WHITNEY MIC TYPE A SITE NO.1

	EQUIVALENT PREC. DEPTH MM	VOLUME ML	CONDUCT UMHO/CM	LAB.PH	ACIDITY TFE	SULFATE MG/L
# OF SAMPLES :	11.0	11	11	11	11	11
MAXIMUM :	101.0	3012	63.50	6.07	.	5.45
MINIMUM :	12.5	273	15.50	3.93	.	0.85
ARITH. MEAN :	58.4	1600	28.00	4.50	.	2.57
ARITH. STD. DEV :	31.5	837	14.33	0.61	.	1.61
GEOM. MEAN :	48.4	1330	25.71	4.47	.	2.15
1ST QUARTILE :	26.0	939	19.59	4.22	.	1.32
2ND QUARTILE :	62.0	1502	22.50	4.33	.	2.00
3RD QUARTILE :	85.0	2197	30.92	4.48	.	4.10
VOL. WGT. MEAN :	.	1967	25.38	.	.	2.50
MISSING VALUES :	0.0	0	2	2	11	2

	NITRATE MG/L	CALCIUM MG/L	CHLORIDE MG/L	KJELDAHL MG/L	MAGNESIUM MG/L	POTASSIUM MG/L	SODIUM MG/L
# OF SAMPLES :	11	11	11	11	11	11	11
MAXIMUM :	0.84	0.76	0.23	2.120	0.110	0.150	0.120
MINIMUM :	0.30	0.06	0.01	0.160	0.005	0.000	0.020
ARITH. MEAN :	0.57	0.23	0.11	0.538	0.031	0.037	0.047
ARITH. STD. DEV :	0.19	0.22	0.07	0.628	0.033	0.049	0.030
GEOM. MEAN :	0.54	0.16	0.08	0.366	0.019	0.023	0.040
1ST QUARTILE :	0.38	0.07	0.05	0.195	0.007	0.007	0.025
2ND QUARTILE :	0.64	0.18	0.08	0.310	0.025	0.020	0.045
3RD QUARTILE :	0.70	0.27	0.17	0.635	0.040	0.055	0.052
VOL. WGT. MEAN :	0.51	0.19	0.08	0.628	0.025	0.043	0.038
MISSING VALUES :	2	2	2	2	2	2	2

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION

STATION=WHITNEY MIC TYPE A SITE NO.1

	AMMONIUM	PHOSPHOR	MANGANESE	NICKEL	ZINC	IRON	LEAD
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
# OF SAMPLES :	11	11	11	11	11	11	11
MAXIMUM :	1.550	0.126	0.003	0.0005	0.011	0.062	0.017
MINIMUM :	0.145	0.000	0.001	0.0002	0.002	0.007	0.002
ARITH. MEAN :	0.432	0.019	0.001	0.0002	0.005	0.021	0.008
ARITH. STD. DEV :	0.471	0.040	0.001	0.0001	0.004	0.018	0.006
GEOM. MEAN :	0.295	0.008	0.001	0.0002	0.004	0.017	0.006
1ST QUARTILE :	0.152	0.003	0.001	0.0002	0.002	0.010	0.004
2ND QUARTILE :	0.190	0.005	0.001	0.0002	0.004	0.015	0.005
3RD QUARTILE :	0.592	0.012	0.002	0.0002	0.008	0.025	0.014
VOL. WGT. MEAN :	0.495	0.026	0.001	0.0002	0.004	0.016	0.009
MISSING VALUES :	2	2	2	2	5	3	6

	VANADIUM	ALUMINUM	COPPER	CADMIUM	ACIDITY GRAN	FREEH+ LAB
	MG/L	MG/L	MG/L	MG/L	UG/L	UG/L
# OF SAMPLES :	11	11	11	11	11	11.00
MAXIMUM :	0.0009	0.073	0.0013	0.0004	161.00	117.49
MINIMUM :	0.0004	0.008	0.0006	0.0000	26.70	0.85
ARITH. MEAN :	0.0005	0.032	0.0009	0.0001	75.52	48.31
ARITH. STD. DEV :	0.0002	0.024	0.0003	0.0001	36.54	31.43
GEOM. MEAN :	0.0005	0.025	0.0009	0.0000	68.58	31.62
1ST QUARTILE :	0.0004	0.013	0.0006	0.0000	57.75	32.84
2ND QUARTILE :	0.0004	0.025	0.0010	0.0000	67.00	46.77
3RD QUARTILE :	0.0005	0.055	0.0012	0.0001	84.45	59.60
VOL. WGT. MEAN :	0.0005	0.023	0.0008	0.0001	68.45	46.77
MISSING VALUES :	2	3	6	2	2	2.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION

STATION=WILBERFORCE MIC TYPE A SITE NO.1

	EQUIVALENT PREC. DEPTH MM	VOLUME ML	CONDUCT UMHO/CM	LAB.PH	ACIDITY TFE	SULFATE MG/L
# OF SAMPLES :	13.0	13	13	13	13	13
MAXIMUM :	124.0	3598	63.79	4.51	.	6.65
MINIMUM :	18.0	461	14.00	3.84	.	1.00
ARITH. MEAN :	69.4	1497	29.60	4.27	.	2.74
ARITH. STD. DEV :	38.4	971	12.52	0.17	.	1.57
GEOM. MEAN :	58.1	1224	27.49	4.27	.	2.38
1ST QUARTILE :	34.0	670	18.75	4.19	.	1.47
2ND QUARTILE :	60.0	1133	31.30	4.29	.	2.60
3RD QUARTILE :	105.5	2264	32.75	4.41	.	3.57
VOL. WGT. MEAN :	.	1916	29.34	.	.	2.79
MISSING VALUES :	0.0	0	0	0	13	0

	NITRATE MG/L	CALCIUM MG/L	CHLORIDE MG/L	KJELDAHL MG/L	MAGNESIUM MG/L	POTASSIUM MG/L	SODIUM MG/L
# OF SAMPLES :	13	13	13	13	13	13	13
MAXIMUM :	0.91	0.68	0.24	0.610	0.105	0.050	0.150
MINIMUM :	0.29	0.04	0.07	0.100	0.005	0.000	0.010
ARITH. MEAN :	0.56	0.22	0.14	0.371	0.030	0.019	0.053
ARITH. STD. DEV :	0.20	0.17	0.06	0.163	0.027	0.014	0.042
GEOM. MEAN :	0.53	0.18	0.13	0.330	0.022	0.016	0.040
1ST QUARTILE :	0.37	0.12	0.09	0.240	0.010	0.007	0.020
2ND QUARTILE :	0.55	0.16	0.15	0.380	0.025	0.015	0.035
3RD QUARTILE :	0.74	0.30	0.19	0.520	0.040	0.025	0.087
VOL. WGT. MEAN :	0.55	0.22	0.14	0.374	0.030	0.020	0.046
MISSING VALUES :	0	0	0	0	0	0	0

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION

STATION=WILBERFORCE MIC TYPE A SITE NO.1

	AMMONIUM	PHOSPHOR	MANGANESE	NICKEL	ZINC	IRON	LEAD
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
# OF SAMPLES :	13	13	13	13	13	13	13
MAXIMUM :	0.635	0.030	0.009	0.0010	0.005	0.066	0.024
MINIMUM :	0.005	0.000	0.001	0.0002	0.001	0.005	0.001
ARITH. MEAN :	0.340	0.006	0.002	0.0003	0.002	0.021	0.008
ARITH. STD. DEV :	0.183	0.008	0.002	0.0002	0.002	0.015	0.007
GEOM. MEAN :	0.241	0.006	0.002	0.0003	0.002	0.017	0.006
1ST QUARTILE :	0.195	0.001	0.001	0.0002	0.001	0.011	0.003
2ND QUARTILE :	0.350	0.005	0.002	0.0003	0.001	0.019	0.005
3RD QUARTILE :	0.462	0.008	0.003	0.0004	0.004	0.025	0.011
VOL. WGT. MEAN :	0.344	0.004	0.002	0.0004	0.002	0.021	0.008
MISSING VALUES :	0	0	0	0	9	0	5

	VANADIUM	ALUMINUM	COPPER	CADMIUM	ACIDITY GRAN	FREEH+ LAB
	MG/L	MG/L	MG/L	MG/L	UG/L	UG/L
# OF SAMPLES :	13	13	13	13	13	13.00
MAXIMUM :	0.0005	0.135	0.0019	0.0001	171.00	144.54
MINIMUM :	0.0004	0.008	0.0004	0.0000	57.20	30.90
ARITH. MEAN :	0.0004	0.040	0.0009	0.0000	82.87	58.31
ARITH. STD. DEV :	0.0000	0.037	0.0005	0.0000	29.43	28.72
GEOM. MEAN :	0.0004	0.028	0.0008	0.0000	79.34	53.80
1ST QUARTILE :	0.0004	0.013	0.0006	0.0000	63.75	38.95
2ND QUARTILE :	0.0004	0.029	0.0008	0.0000	79.30	51.29
3RD QUARTILE :	0.0004	0.053	0.0009	0.0000	89.35	64.63
VOL. WGT. MEAN :	0.0004	0.037	0.0008	0.0000	83.01	36.31
MISSING VALUES :	0	2	5	0	0	0.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION

---------- STATION=WILKESPORT MIC TYPE A SITE NO.1 ----------

	EQUIVALENT PREC. DEPTH MM	VOLUME ML	CONDUCT UMHO/CM	LAB.PH	ACIDITY TFE	SULFATE MG/L
# OF SAMPLES :	13.0	13	13	13	13	13
MAXIMUM :	107.0	2810	74.00	7.68	.	12.70
MINIMUM :	5.4	40	21.60	3.88	.	2.40
ARITH. MEAN :	56.1	1050	47.01	4.85	.	5.75
ARITH. STD. DEV :	33.4	1001	17.48	1.31	.	2.92
GEOM. MEAN :	44.0	539	43.88	4.72	.	5.15
1ST QUARTILE :	26.5	115	32.20	4.05	.	3.70
2ND QUARTILE :	60.0	675	46.50	4.34	.	5.65
3RD QUARTILE :	91.1	1980	57.07	4.73	.	6.90
VOL. WGT. MEAN :	.	1477	49.16	.	.	5.55
MISSING VALUES :	0.0	0	2	2	13	2

	NITRATE MG/L	CALCIUM MG/L	CHLORIDE MG/L	KJELDAHL MG/L	MAGNESIUM MG/L	POTASSIUM MG/L	SODIUM MG/L
# OF SAMPLES :	13	13	13	13	13	13	13
MAXIMUM :	2.20	5.70	1.93	3.350	0.860	0.370	0.640
MINIMUM :	0.57	0.30	0.15	0.280	0.050	0.020	0.025
ARITH. MEAN :	0.98	1.35	0.59	0.992	0.227	0.100	0.159
ARITH. STD. DEV :	0.55	1.65	0.57	0.924	0.241	0.102	0.185
GEOM. MEAN :	0.89	0.87	0.43	0.772	0.160	0.073	0.098
1ST QUARTILE :	0.69	0.56	0.25	0.510	0.085	0.049	0.035
2ND QUARTILE :	0.70	0.74	0.32	0.710	0.130	0.067	0.090
3RD QUARTILE :	1.10	1.00	0.69	1.085	0.210	0.104	0.225
VOL. WGT. MEAN :	0.81	0.76	0.49	0.794	0.138	0.092	0.106
MISSING VALUES :	2	2	2	4	2	3	2

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION

STATION=WILKESPORT MIC TYPE A SITE NO.1

	AMMONIUM	PHOSPHOR	MANGANESE	NICKEL	ZINC	IRON	LEAD
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
# OF SAMPLES :	13	13	13	13	13	13	13
MAXIMUM :	2.420	0.128	0.021	0.0025	0.024	0.086	0.014
MINIMUM :	0.230	0.005	0.001	0.0002	0.010	0.024	0.002
ARITH. MEAN :	0.795	0.023	0.006	0.0008	0.017	0.041	0.007
ARITH. STD. DEV :	0.607	0.040	0.006	0.0007	0.010	0.020	0.005
GEOM. MEAN :	0.662	0.012	0.005	0.0006	0.015	0.038	0.005
1ST QUARTILE :	0.485	0.006	0.003	0.0003	0.010	0.026	0.002
2ND QUARTILE :	0.655	0.008	0.005	0.0005	0.017	0.032	0.004
3RD QUARTILE :	0.852	0.016	0.007	0.0009	0.024	0.052	0.012
VOL. WGT. MEAN :	0.679	0.016	0.005	0.0006	0.020	0.037	0.007
MISSING VALUES :	3	4	4	4	11	4	5

	VANADIUM	ALUMINUM	COPPER	CADMIUM	ACIDITY GRAN	FREEH+ LAB
	MG/L	MG/L	MG/L	MG/L	UG/L	UG/L
# OF SAMPLES :	13	13	13	13	13	13.00
MAXIMUM :	0.0012	0.130	0.0153	0.0004	169.00	131.83
MINIMUM :	0.0004	0.027	0.0012	0.0000	9.36	0.02
ARITH. MEAN :	0.0006	0.065	0.0043	0.0001	80.14	51.44
ARITH. STD. DEV :	0.0003	0.035	0.0056	0.0001	46.86	41.49
GEOM. MEAN :	0.0005	0.057	0.0025	0.0001	62.33	14.18
1ST QUARTILE :	0.0004	0.039	0.0012	0.0000	43.30	18.62
2ND QUARTILE :	0.0005	0.055	0.0014	0.0001	76.90	45.71
3RD QUARTILE :	0.0007	0.091	0.0076	0.0002	114.00	89.13
VOL. WGT. MEAN :	0.0005	0.051	0.0040	0.0001	97.44	.
MISSING VALUES :	4	4	7	4	2	2.00

PART IV

SUMMARY STATISTICS OF PRECIPITATION CONCENTRATION BY REGION

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION

REGION=CE

	EQUIVALENT PREC. DEPTH MM	VOLUME ML	CONDUCT UMHO/CM	LAB.PH	ACIDITY TFE	SULFATE MG/L
# OF SAMPLES :	63.0	63	63	63	63	63
MAXIMUM :	182.0	4900	100.00	7.63	.	11.20
MINIMUM :	17.0	80	8.00	3.84	.	1.00
ARITH. MEAN :	62.1	1551	30.18	4.46	.	3.12
ARITH. STD. DEV :	33.0	923	14.72	0.67	.	1.84
GEOM. MEAN :	53.9	1248	27.30	4.43	.	2.67
1ST QUARTILE :	34.0	766	19.38	4.21	.	1.62
2ND QUARTILE :	57.0	1475	30.30	4.28	.	2.82
3RD QUARTILE :	83.0	2126	36.00	4.45	.	3.99
VOL. WGT. MEAN :	.	1937	29.34	.	.	3.03
MISSING VALUES :	0.0	0	1	1	63	1

	NITRATE MG/L	CALCIUM MG/L	CHLORIDE MG/L	KJELDAHL MG/L	MAGNESIUM MG/L	POTASSIUM MG/L	SODIUM MG/L
# OF SAMPLES :	63	63	63	63	63	63	63
MAXIMUM :	1.18	2.56	1.30	8.250	0.425	1.990	1.780
MINIMUM :	0.21	0.02	0.00	0.100	0.005	0.000	0.010
ARITH. MEAN :	0.59	0.39	0.19	0.631	0.053	0.067	0.093
ARITH. STD. DEV :	0.23	0.40	0.17	1.137	0.063	0.259	0.226
GEOM. MEAN :	0.55	0.26	0.16	0.408	0.033	0.024	0.051
1ST QUARTILE :	0.40	0.15	0.10	0.240	0.020	0.007	0.030
2ND QUARTILE :	0.55	0.26	0.17	0.380	0.037	0.020	0.045
3RD QUARTILE :	0.77	0.53	0.22	0.610	0.062	0.040	0.081
VOL. WGT. MEAN :	0.57	0.35	0.17	0.586	0.048	0.066	0.071
MISSING VALUES :	1	1	1	4	1	2	1

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION

REGION=CE

	AMMONIUM MG/L	PHOSPHOR MG/L	MANGANESE MG/L	NICKEL MG/L	ZINC MG/L	IRON MG/L	LEAD MG/L
# OF SAMPLES :	63	63	63	63	63	63	63
MAXIMUM :	2.850	0.485	0.013	0.0030	0.095	0.134	0.028
MINIMUM :	0.000	0.000	0.001	0.0000	0.001	0.005	0.000
ARITH. MEAN :	0.415	0.017	0.003	0.0004	0.008	0.029	0.008
ARITH. STD. DEV :	0.400	0.064	0.003	0.0004	0.020	0.026	0.007
GEOM. MEAN :	0.306	0.007	0.002	0.0003	0.003	0.021	0.006
1ST QUARTILE :	0.210	0.002	0.001	0.0002	0.001	0.014	0.003
2ND QUARTILE :	0.330	0.004	0.002	0.0002	0.003	0.021	0.005
3RD QUARTILE :	0.490	0.009	0.004	0.0004	0.006	0.030	0.011
VOL. WGT. MEAN :	0.427	0.017	0.003	0.0004	0.005	0.026	0.007
MISSING VALUES :	3	5	2	2	42	6	29

	VANADIUM MG/L	ALUMINUM MG/L	COPPER MG/L	CADMIUM MG/L	ACIDITY GRAN UG/L	FREEH+ LAB UG/L
# OF SAMPLES :	63	63	63	63	63	63.00
MAXIMUM :	0.0008	0.648	0.0165	0.0008	171.00	144.54
MINIMUM :	0.0004	0.007	0.0003	0.0000	26.80	0.02
ARITH. MEAN :	0.0004	0.054	0.0017	0.0001	76.95	51.14
ARITH. STD. DEV :	0.0001	0.100	0.0029	0.0001	27.23	27.41
GEOM. MEAN :	0.0004	0.030	0.0011	0.0000	72.08	34.30
1ST QUARTILE :	0.0004	0.017	0.0006	0.0000	58.02	35.14
2ND QUARTILE :	0.0004	0.028	0.0010	0.0000	73.50	52.49
3RD QUARTILE :	0.0004	0.052	0.0019	0.0000	92.55	61.66
VOL. WGT. MEAN :	0.0004	0.042	0.0013	0.0000	75.92	38.90
MISSING VALUES :	2	13	32	2	1	1.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION

REGION=NE

	EQUIVALENT PREC. DEPTH MM	VOLUME ML	CONDUCT UMHO/CM	LAB.PH	ACIDITY TFE	SULFATE MG/L
# OF SAMPLES :	129.0	129	129	129	129	129
MAXIMUM :	175.0	5100	68.73	8.28	.	12.50
MINIMUM :	4.0	12	3.00	3.81	.	0.40
ARITH. MEAN :	53.7	1331	25.01	4.60	.	2.65
ARITH. STD. DEV :	31.8	938	12.02	0.74	.	1.87
GEOM. MEAN :	44.6	987	22.20	4.56	.	2.15
1ST QUARTILE :	27.8	644	16.50	4.25	.	1.40
2ND QUARTILE :	49.0	1164	22.50	4.40	.	2.15
3RD QUARTILE :	70.0	1805	32.00	4.61	.	3.35
VOL. WGT. MEAN :	.	1798	24.20	.	.	2.55
MISSING VALUES :	0.0	1	6	4	129	6

	NITRATE MG/L	CALCIUM MG/L	CHLORIDE MG/L	KJELDAHL MG/L	MAGNESIUM MG/L	POTASSIUM MG/L	SODIUM MG/L
# OF SAMPLES :	129	129	129	129	129	129	129
MAXIMUM :	1.30	4.84	2.75	9.000	1.280	0.490	0.720
MINIMUM :	0.00	0.00	0.00	0.040	0.000	0.000	0.000
ARITH. MEAN :	0.48	0.34	0.19	0.532	0.061	0.055	0.099
ARITH. STD. DEV :	0.25	0.59	0.30	0.876	0.137	0.087	0.131
GEOM. MEAN :	0.41	0.20	0.14	0.351	0.031	0.032	0.058
1ST QUARTILE :	0.30	0.10	0.06	0.220	0.015	0.010	0.025
2ND QUARTILE :	0.44	0.18	0.12	0.335	0.030	0.025	0.055
3RD QUARTILE :	0.60	0.34	0.20	0.570	0.050	0.051	0.115
VOL. WGT. MEAN :	0.44	0.26	0.15	0.474	0.045	0.056	0.073
MISSING VALUES :	5	5	5	9	5	7	6

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION

REGION=NE

	AMMONIUM	PHOSPHOR	MANGANESE	NICKEL	ZINC	IRON	LEAD
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
# OF SAMPLES :	129	129	129	129	129	129	129
MAXIMUM :	3.950	0.260	0.048	0.1800	0.073	0.754	0.048
MINIMUM :	0.000	0.000	0.001	0.0002	0.001	0.005	0.001
ARITH. MEAN :	0.379	0.016	0.004	0.0047	0.008	0.050	0.007
ARITH. STD. DEV :	0.446	0.034	0.006	0.0190	0.012	0.100	0.007
GEOM. MEAN :	0.259	0.008	0.002	0.0005	0.004	0.025	0.005
1ST QUARTILE :	0.145	0.002	0.001	0.0002	0.002	0.012	0.003
2ND QUARTILE :	0.282	0.005	0.002	0.0002	0.003	0.021	0.005
3RD QUARTILE :	0.437	0.013	0.003	0.0007	0.009	0.042	0.009
VOL. WGT. MEAN :	0.361	0.014	0.003	0.0033	0.006	0.034	0.007
MISSING VALUES :	7	9	7	7	78	12	63

	VANADIUM	ALUMINUM	COPPER	CADMIUM	ACIDITY GRAN	FREEH+ LAB
	MG/L	MG/L	MG/L	MG/L	UG/L	UG/L
# OF SAMPLES :	129	129	129	129	129	129.00
MAXIMUM :	0.0037	2.721	0.9120	0.0027	170.00	154.88
MINIMUM :	0.0004	0.007	0.0003	0.0000	0.00	0.01
ARITH. MEAN :	0.0004	0.083	0.0292	0.0001	66.64	41.87
ARITH. STD. DEV :	0.0003	0.306	0.1146	0.0004	29.83	27.21
GEOM. MEAN :	0.0004	0.034	0.0030	0.0000	60.50	25.07
1ST QUARTILE :	0.0004	0.019	0.0009	0.0000	47.80	24.55
2ND QUARTILE :	0.0004	0.029	0.0017	0.0000	65.30	39.81
3RD QUARTILE :	0.0004	0.062	0.0038	0.0001	83.70	56.23
VOL. WGT. MEAN :	0.0004	0.048	0.0211	0.0001	66.26	25.12
MISSING VALUES :	7	48	63	7	4	4.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION

REGION=NW

	EQUIVALENT PREC. DEPTH MM	VOLUME ML	CONDUCT UMHO/CM	LAB.PH	ACIDITY TFE	SULFATE MG/L
# OF SAMPLES :	97.0	97	97	97	97	97
MAXIMUM :	156.9	4444	80.24	6.76	.	8.90
MINIMUM :	2.0	2	3.00	4.07	.	0.30
ARITH. MEAN :	43.6	1063	15.00	5.02	.	1.56
ARITH. STD. DEV :	35.8	1006	11.76	0.63	.	1.21
GEOM. MEAN :	30.4	581	12.12	4.98	.	1.28
1ST QUARTILE :	16.3	278	7.50	4.55	.	0.90
2ND QUARTILE :	29.8	612	10.66	4.89	.	1.25
3RD QUARTILE :	63.0	1745	21.00	5.27	.	1.70
VOL. WGT. MEAN :	.	1791	11.44	.	.	1.24
MISSING VALUES :	0.0	0	3	4	97	3

	NITRATE MG/L	CALCIUM MG/L	CHLORIDE MG/L	KJELDAHL MG/L	MAGNESIUM MG/L	POTASSIUM MG/L	SODIUM MG/L
# OF SAMPLES :	97	97	97	97	97	97	97
MAXIMUM :	1.36	1.10	3.55	1.530	0.210	0.175	0.680
MINIMUM :	0.00	0.04	0.00	0.070	0.000	0.000	0.000
ARITH. MEAN :	0.35	0.26	0.20	0.352	0.044	0.035	0.120
ARITH. STD. DEV :	0.24	0.22	0.39	0.228	0.042	0.035	0.133
GEOM. MEAN :	0.29	0.20	0.13	0.298	0.032	0.027	0.072
1ST QUARTILE :	0.19	0.14	0.03	0.220	0.020	0.010	0.032
2ND QUARTILE :	0.28	0.18	0.12	0.300	0.030	0.025	0.075
3RD QUARTILE :	0.48	0.28	0.24	0.430	0.050	0.045	0.157
VOL. WGT. MEAN :	0.27	0.20	0.09	0.313	0.035	0.037	0.062
MISSING VALUES :	3	4	3	12	4	4	4

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION

REGION=NW

	AMMONIUM	PHOSPHOR	MANGANESE	NICKEL	ZINC	IRON	LEAD
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
# OF SAMPLES :	97	97	97	97	97	97	97
MAXIMUM :	1.400	0.075	0.015	0.0030	0.022	0.146	0.125
MINIMUM :	0.000	0.000	0.001	0.0002	0.001	0.004	0.001
ARITH. MEAN :	0.251	0.010	0.003	0.0003	0.005	0.027	0.011
ARITH. STD. DEV :	0.204	0.013	0.003	0.0003	0.005	0.025	0.018
GEOM. MEAN :	0.170	0.008	0.003	0.0003	0.003	0.021	0.006
1ST QUARTILE :	0.107	0.004	0.001	0.0002	0.002	0.013	0.003
2ND QUARTILE :	0.225	0.007	0.002	0.0002	0.003	0.020	0.007
3RD QUARTILE :	0.352	0.011	0.004	0.0004	0.004	0.032	0.011
VOL. WGT. MEAN :	0.247	0.008	0.003	0.0003	0.005	0.024	0.009
MISSING VALUES :	4	12	11	11	57	27	45

	VANADIUM	ALUMINUM	COPPER	CADMIUM	ACIDITY GRAN	FREEH+ LAB
	MG/L	MG/L	MG/L	MG/L	UG/L	UG/L
# OF SAMPLES :	97	97	97	97	97	97.00
MAXIMUM :	0.0006	0.180	0.0125	0.0021	116.00	85.11
MINIMUM :	0.0004	0.008	0.0003	0.0000	19.00	0.17
ARITH. MEAN :	0.0004	0.058	0.0014	0.0001	42.75	19.57
ARITH. STD. DEV :	0.0000	0.048	0.0020	0.0002	23.26	20.35
GEOM. MEAN :	0.0004	0.039	0.0008	0.0000	37.85	9.64
1ST QUARTILE :	0.0004	0.016	0.0004	0.0000	25.05	5.37
2ND QUARTILE :	0.0004	0.043	0.0007	0.0000	35.40	12.88
3RD QUARTILE :	0.0004	0.100	0.0015	0.0000	54.60	27.86
VOL. WGT. MEAN :	0.0004	0.036	0.0011	0.0000	36.17	53.70
MISSING VALUES :	11	62	47	11	4	4.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION

REGION=SE

	EQUIVALENT PREC. DEPTH MM	VOLUME ML	CONDUCT UMHO/CM	LAB.PH	ACIDITY TFE	SULFATE MG/L
# OF SAMPLES :	50.0	50	50	50	50	50
MAXIMUM :	149.0	3514	47.00	6.81	.	6.35
MINIMUM :	4.7	282	8.00	4.01	.	0.85
ARITH. MEAN :	61.4	1477	28.43	4.37	.	2.79
ARITH. STD. DEV :	31.5	894	11.15	0.42	.	1.54
GEOM. MEAN :	52.9	1188	25.81	4.36	.	2.39
1ST QUARTILE :	37.3	657	20.10	4.17	.	1.42
2ND QUARTILE :	55.5	1224	30.00	4.28	.	2.40
3RD QUARTILE :	79.3	2247	36.77	4.48	.	3.95
VOL. WGT. MEAN :	.	1849	27.66	.	.	2.88
MISSING VALUES :	0.0	5	5	5	50	5

	NITRATE MG/L	CALCIUM MG/L	CHLORIDE MG/L	KJELDAHL MG/L	MAGNESIUM MG/L	POTASSIUM MG/L	SODIUM MG/L
# OF SAMPLES :	50	50	50	50	50	50	50
MAXIMUM :	1.32	0.76	0.87	1.170	0.535	0.110	0.445
MINIMUM :	0.01	0.04	0.06	0.120	0.010	0.005	0.015
ARITH. MEAN :	0.59	0.27	0.24	0.474	0.074	0.029	0.104
ARITH. STD. DEV :	0.30	0.19	0.18	0.263	0.108	0.026	0.116
GEOM. MEAN :	0.50	0.21	0.19	0.408	0.043	0.020	0.062
1ST QUARTILE :	0.35	0.14	0.12	0.272	0.020	0.010	0.025
2ND QUARTILE :	0.56	0.22	0.17	0.430	0.035	0.015	0.050
3RD QUARTILE :	0.81	0.32	0.31	0.592	0.095	0.035	0.137
VOL. WGT. MEAN :	0.55	0.25	0.19	0.452	0.063	0.028	0.074
MISSING VALUES :	5	5	5	6	5	5	5

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION

REGION=SE

	AMMONIUM	PHOSPHOR	MANGANESE	NICKEL	ZINC	IRON	LEAD
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
# OF SAMPLES :	50	50	50	50	50	50	50
MAXIMUM :	0.920	0.046	0.027	0.0014	0.021	0.061	0.031
MINIMUM :	0.050	0.000	0.001	0.0002	0.001	0.007	0.001
ARITH. MEAN :	0.339	0.009	0.004	0.0003	0.009	0.023	0.008
ARITH. STD. DEV :	0.218	0.009	0.005	0.0002	0.006	0.013	0.007
GEOM. MEAN :	0.272	0.008	0.003	0.0003	0.007	0.020	0.005
1ST QUARTILE :	0.172	0.003	0.001	0.0002	0.003	0.014	0.003
2ND QUARTILE :	0.310	0.006	0.003	0.0002	0.010	0.017	0.006
3RD QUARTILE :	0.472	0.011	0.004	0.0004	0.012	0.029	0.010
VOL. WGT. MEAN :	0.349	0.008	0.004	0.0003	0.009	0.021	0.007
MISSING VALUES :	5	6	7	7	38	8	23

	VANADIUM	ALUMINUM	COPPER	CADMIUM	ACIDITY GRAN	FREEH+ LAB
	MG/L	MG/L	MG/L	MG/L	UG/L	UG/L
# OF SAMPLES :	50	50	50	50	50	50.00
MAXIMUM :	0.0008	0.118	0.0134	0.0010	158.00	97.72
MINIMUM :	0.0004	0.007	0.0003	0.0000	16.70	0.15
ARITH. MEAN :	0.0004	0.029	0.0013	0.0001	79.91	51.70
ARITH. STD. DEV :	0.0001	0.024	0.0027	0.0002	27.43	22.40
GEOM. MEAN :	0.0004	0.021	0.0007	0.0000	74.54	42.40
1ST QUARTILE :	0.0004	0.010	0.0004	0.0000	60.10	32.84
2ND QUARTILE :	0.0004	0.023	0.0006	0.0000	78.90	52.48
3RD QUARTILE :	0.0004	0.037	0.0011	0.0000	96.60	66.95
VOL. WGT. MEAN :	0.0004	0.024	0.0009	0.0001	78.81	53.70
MISSING VALUES :	7	18	26	7	5	5.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION

REGION=SW

	EQUIVALENT PREC. DEPTH MM	VOLUME ML	CONDUCT UMHO/CM	LAB.PH	ACIDITY TFE	SULFATE MG/L
# OF SAMPLES :	104.0	104	104	104	104	104
MAXIMUM :	186.0	4893	89.80	7.68	.	13.90
MINIMUM :	5.4	6	12.00	3.85	.	1.10
ARITH. MEAN :	61.4	1529	36.97	4.53	.	4.43
ARITH. STD. DEV :	38.4	1041	15.72	0.78	.	2.42
GEOM. MEAN :	49.8	1081	33.87	4.48	.	3.85
1ST QUARTILE :	31.5	674	25.00	4.13	.	2.60
2ND QUARTILE :	52.7	1392	34.13	4.30	.	4.00
3RD QUARTILE :	85.1	2203	46.50	4.49	.	5.95
VOL. WGT. MEAN :	.	2105	36.44	.	.	4.29
MISSING VALUES :	0.0	0	5	5	104	5

	NITRATE MG/L	CALCIUM MG/L	CHLORIDE MG/L	KJELDAHL MG/L	MAGNESIUM MG/L	POTASSIUM MG/L	SODIUM MG/L
# OF SAMPLES :	104	104	104	104	104	104	104
MAXIMUM :	2.65	6.02	1.93	7.000	1.080	0.370	0.640
MINIMUM :	0.15	0.06	0.05	0.160	0.010	0.000	0.000
ARITH. MEAN :	0.79	0.83	0.31	0.835	0.144	0.067	0.104
ARITH. STD. DEV :	0.45	1.04	0.29	0.881	0.169	0.073	0.117
GEOM. MEAN :	0.70	0.53	0.25	0.630	0.091	0.045	0.071
1ST QUARTILE :	0.52	0.30	0.16	0.380	0.050	0.020	0.040
2ND QUARTILE :	0.66	0.44	0.23	0.570	0.075	0.045	0.065
3RD QUARTILE :	0.90	0.98	0.33	0.980	0.180	0.080	0.105
VOL. WGT. MEAN :	0.67	0.62	0.25	0.818	0.108	0.063	0.077
MISSING VALUES :	5	5	5	9	5	6	5

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION

REGION=SW

	AMMONIUM	PHOSPHOR	MANGANESE	NICKEL	ZINC	IRON	LEAD
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
# OF SAMPLES :	104	104	104	104	104	104	104
MAXIMUM :	2.420	0.161	0.072	0.0097	0.024	0.668	0.054
MINIMUM :	0.070	0.000	0.001	0.0002	0.001	0.004	0.001
ARITH. MEAN :	0.626	0.015	0.006	0.0007	0.006	0.054	0.010
ARITH. STD. DEV :	0.432	0.026	0.009	0.0013	0.006	0.088	0.010
GEOM. MEAN :	0.503	0.009	0.004	0.0004	0.004	0.032	0.006
1ST QUARTILE :	0.311	0.003	0.002	0.0002	0.002	0.021	0.003
2ND QUARTILE :	0.520	0.007	0.003	0.0002	0.005	0.028	0.006
3RD QUARTILE :	0.816	0.015	0.006	0.0005	0.009	0.052	0.012
VOL. WGT. MEAN :	0.568	0.014	0.004	0.0005	0.006	0.035	0.010
MISSING VALUES :	6	9	8	8	79	8	45

	VANADIUM	ALUMINUM	COPPER	CADMIUM	ACIDITY GRAN	FREEH+ LAB
	MG/L	MG/L	MG/L	MG/L	UG/L	UG/L
# OF SAMPLES :	104	104	104	104	104	104.00
MAXIMUM :	0.0012	1.023	0.0153	0.0063	197.00	141.25
MINIMUM :	0.0004	0.008	0.0003	0.0000	9.36	0.02
ARITH. MEAN :	0.0005	0.079	0.0021	0.0002	83.29	52.93
ARITH. STD. DEV :	0.0001	0.132	0.0026	0.0008	37.29	33.85
GEOM. MEAN :	0.0004	0.045	0.0014	0.0001	73.55	29.62
1ST QUARTILE :	0.0004	0.026	0.0009	0.0000	59.70	32.36
2ND QUARTILE :	0.0004	0.041	0.0013	0.0000	78.60	50.12
3RD QUARTILE :	0.0004	0.068	0.0022	0.0001	105.00	74.13
VOL. WGT. MEAN :	0.0004	0.050	0.0019	0.0002	86.20	0.40
MISSING VALUES :	8	24	44	8	5	5.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION

REGION=Z

	EQUIVALENT PREC. DEPTH MM	VOLUME ML	CONDUCT UMHO/CM	LAB.PH	ACIDITY TFE	SULFATE MG/L
# OF SAMPLES :	13.0	13	13	13	13	13
MAXIMUM :	157.0	4678	53.56	7.52	.	5.15
MINIMUM :	4.1	229	14.00	3.90	.	0.95
ARITH. MEAN :	67.2	1858	28.02	4.79	.	2.65
ARITH. STD. DEV :	42.0	1408	11.21	1.16	.	1.43
GEOM. MEAN :	51.1	1410	26.09	4.69	.	2.32
1ST QUARTILE :	34.4	858	18.70	4.22	.	1.57
2ND QUARTILE :	69.3	1425	26.45	4.46	.	1.90
3RD QUARTILE :	96.7	2588	35.50	4.53	.	3.97
VOL. WGT. MEAN :	.	2519	27.12	.	.	2.45
MISSING VALUES :	0.0	0	1	0	13	0

	NITRATE MG/L	CALCIUM MG/L	CHLORIDE MG/L	KJELDAHL MG/L	MAGNESIUM MG/L	POTASSIUM MG/L	SODIUM MG/L
# OF SAMPLES :	13	13	13	13	13	13	13
MAXIMUM :	1.06	1.08	0.42	5.650	0.200	0.410	0.225
MINIMUM :	0.05	0.06	0.05	0.140	0.005	0.000	0.000
ARITH. MEAN :	0.54	0.23	0.20	0.832	0.032	0.058	0.080
ARITH. STD. DEV :	0.32	0.27	0.12	1.537	0.051	0.113	0.069
GEOM. MEAN :	0.43	0.17	0.16	0.419	0.019	0.028	0.063
1ST QUARTILE :	0.27	0.11	0.08	0.212	0.010	0.010	0.025
2ND QUARTILE :	0.46	0.14	0.20	0.325	0.015	0.022	0.065
3RD QUARTILE :	0.82	0.24	0.30	0.702	0.030	0.059	0.115
VOL. WGT. MEAN :	0.42	0.19	0.18	0.803	0.025	0.062	0.066
MISSING VALUES :	0	0	0	1	0	1	0

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION

REGION=Z

	AMMONIUM	PHOSPHOR	MANGANESE	NICKEL	ZINC	IRON	LEAD
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
# OF SAMPLES :	13	13	13	13	13	13	13
MAXIMUM :	3.200	0.285	0.029	0.0011	0.014	0.055	0.013
MINIMUM :	0.055	0.000	0.001	0.0002	0.001	0.007	0.004
ARITH. MEAN :	0.528	0.031	0.005	0.0003	0.007	0.023	0.008
ARITH. STD. DEV :	0.860	0.080	0.007	0.0003	0.006	0.018	0.003
GEOM. MEAN :	0.293	0.010	0.003	0.0003	0.004	0.017	0.008
1ST QUARTILE :	0.161	0.002	0.001	0.0002	0.002	0.009	0.005
2ND QUARTILE :	0.262	0.005	0.003	0.0002	0.006	0.017	0.008
3RD QUARTILE :	0.396	0.019	0.005	0.0004	0.012	0.038	0.011
VOL. WGT. MEAN :	0.511	0.032	0.004	0.0003	0.006	0.019	0.008
MISSING VALUES :	1	1	0	0	7	1	8

	VANADIUM	ALUMINUM	COPPER	CADMIUM	ACIDITY GRAN	FREEH+ LAB
	MG/L	MG/L	MG/L	MG/L	UG/L	UG/L
# OF SAMPLES :	13	13	13	13	13	13.00
MAXIMUM :	0.0015	0.087	0.0095	0.0003	160.00	125.89
MINIMUM :	0.0004	0.007	0.0004	0.0000	24.60	0.03
ARITH. MEAN :	0.0006	0.028	0.0018	0.0001	76.15	44.97
ARITH. STD. DEV :	0.0004	0.030	0.0029	0.0001	38.94	33.82
GEOM. MEAN :	0.0005	0.018	0.0010	0.0000	67.11	16.10
1ST QUARTILE :	0.0004	0.007	0.0005	0.0000	50.75	29.18
2ND QUARTILE :	0.0004	0.014	0.0008	0.0000	74.10	34.67
3RD QUARTILE :	0.0008	0.048	0.0014	0.0000	102.50	61.28
VOL. WGT. MEAN :	0.0007	0.025	0.0012	0.0001	62.64	72.44
MISSING VALUES :	0	6	4	0	0	0.00

^Z

PART V

SUMMARY STATISTICS OF WET DEPOSITION BY STATION

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF DEPOSITION
STATION=ALVINSTON MIC TYPE A SITE NO.1

	EQUIVALENT PREC. DEPTH MM	SULFATE MG/M**2	NITRATE MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2	KJELDAHL MG/M**2	MAGNESIUM MG/M**2
# OF SAMPLES :	13.0	13	13	13	13	13	13
MAXIMUM :	83.0	531.20	69.72	56.00	20.75	69.720	5.810
MINIMUM :	14.0	48.72	14.85	8.35	5.20	4.872	1.508
ARITH. MEAN :	47.8	170.99	31.56	23.48	12.33	23.904	3.507
ARITH. STD. DEV :	23.2	125.90	14.32	12.30	4.74	17.695	1.250
GEOM. MEAN :	41.6	142.36	29.19	21.14	11.41	19.272	3.287
1ST QUARTILE :	26.6	88.40	22.52	16.02	7.72	13.300	2.318
2ND QUARTILE :	40.0	144.90	27.27	21.20	11.63	19.720	3.627
3RD QUARTILE :	69.0	212.81	37.92	24.09	16.26	30.240	4.251
VOL. WGT. MEAN :	.	173.49	32.02	23.82	12.51	23.479	3.558
MISSING VALUES :	0.0	1	1	1	1	2	1

	POTASSIUM MG/M**2	SODIUM MG/M**2	AMMONIUM MG/M**2	PHOSPHOR MG/M**2	MANGANESE MG/M**2	NICKEL MG/M**2	ZINC MG/M**2	IRON MG/M**2
# OF SAMPLES :	13	13	13	13	13	13	13	13
MAXIMUM :	12.450	8.550	58.515	3.237	1.008	0.1358	0.184	6.926
MINIMUM :	0.580	1.200	3.480	0.000	0.046	0.0046	0.101	0.828
ARITH. MEAN :	3.186	4.015	20.161	0.604	0.241	0.0310	0.145	2.225
ARITH. STD. DEV :	3.554	2.168	14.504	0.965	0.260	0.0396	0.042	2.026
GEOM. MEAN :	2.083	3.492	16.300	0.437	0.167	0.0186	0.141	1.714
1ST QUARTILE :	1.127	2.295	11.360	0.000	0.077	0.0090	0.101	1.003
2ND QUARTILE :	1.500	3.550	16.810	0.189	0.185	0.0153	0.151	1.506
3RD QUARTILE :	3.681	5.079	22.834	1.037	0.303	0.0287	0.184	2.003
VOL. WGT. MEAN :	3.232	4.073	20.455	0.594	0.244	0.0315	0.159	2.258
MISSING VALUES :	1	1	1	2	1	1	10	1

	LEAD MG/M**2	VANADIUM MG/M**2	ALUMINUM MG/M**2	COPPER MG/M**2	CADMIUM MG/M**2	ACIDITY GRAN UG/M**2	FREEH+ LAB UG/M**2
# OF SAMPLES :	13	13	13	13	13	13	13.00
MAXIMUM :	3.416	0.0441	30.696	0.2964	0.1905	12367	9100.8
MINIMUM :	0.068	0.0056	0.632	0.0541	0.0003	490.00	68.57
ARITH. MEAN :	0.704	0.0233	4.369	0.1105	0.0254	4389.05	2886.6
ARITH. STD. DEV :	1.224	0.0110	8.773	0.0820	0.0562	3131.00	2333
GEOM. MEAN :	0.267	0.0202	2.010	0.0927	0.0039	3397.69	1933.1
1ST QUARTILE :	0.095	0.0166	1.035	0.0598	0.0009	2131.90	1396.1
2ND QUARTILE :	0.180	0.0241	2.093	0.0705	0.0015	3864.00	2431.5
3RD QUARTILE :	0.828	0.0300	2.853	0.1363	0.0128	5284.15	3652.6
VOL. WGT. MEAN :	0.797	0.0236	4.620	0.1048	0.0258	4453.13	3751.7
MISSING VALUES :	6	1	2	5	1	1	1.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF DEPOSITION
STATION=AZURE LAKE MIC TYPE A SITE NO.1

	EQUIVALENT PREC. DEPTH MM	SULFATE MG/M**2	NITRATE MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2	KJELDAHL MG/M**2	MAGNESIUM MG/M**2
# OF SAMPLES :	14.0	14	14	14	14	14	14
MAXIMUM :	81.0	169.85	23.70	23.50	8.67	26.860	4.750
MINIMUM :	16.4	23.78	7.05	1.67	0.00	2.132	0.000
ARITH. MEAN :	40.6	78.16	13.57	8.04	3.05	10.841	0.979
ARITH. STD. DEV :	21.1	49.22	5.50	6.43	2.62	7.623	1.269
GEOM. MEAN :	35.9	63.99	12.56	5.94	3.14	8.559	0.721
1ST QUARTILE :	23.9	32.28	8.77	3.06	0.49	4.531	0.239
2ND QUARTILE :	38.0	68.25	12.08	5.97	3.41	9.521	0.562
3RD QUARTILE :	55.8	122.70	17.45	13.07	4.61	14.705	1.301
VOL. WGT. MEAN :	.	74.91	13.57	8.04	3.05	10.841	0.979
MISSING VALUES :	0.0	1	0	0	0	0	0

	POTASSIUM MG/M**2	SODIUM MG/M**2	AMMONIUM MG/M**2	PHOSPHOR MG/M**2	MANGANESE MG/M**2	NICKEL MG/M**2	ZINC MG/M**2	IRON MG/M**2
# OF SAMPLES :	14	14	14	14	14	14	14	14
MAXIMUM :	3.250	3.929	22.515	1.050	0.450	0.0195	0.437	2.338
MINIMUM :	0.000	0.208	1.804	0.000	0.016	0.0033	0.087	0.095
ARITH. MEAN :	0.836	1.528	8.532	0.184	0.103	0.0099	0.165	0.757
ARITH. STD. DEV :	1.076	1.081	6.298	0.296	0.118	0.0051	0.152	0.550
GEOM. MEAN :	0.666	1.143	6.519	0.202	0.067	0.0086	0.131	0.605
1ST QUARTILE :	0.000	0.729	2.890	0.000	0.038	0.0049	0.089	0.453
2ND QUARTILE :	0.432	1.275	7.838	0.054	0.060	0.0095	0.105	0.584
3RD QUARTILE :	1.352	2.140	11.793	0.284	0.107	0.0141	0.272	0.884
VOL. WGT. MEAN :	0.836	1.528	8.532	0.184	0.103	0.0099	0.128	0.757
MISSING VALUES :	0	0	0	0	0	0	0	0

	LEAD MG/M**2	VANADIUM MG/M**2	ALUMINUM MG/M**2	COPPER MG/M**2	CADMIUM MG/M**2	ACIDITY GRAN UG/M**2	FREEH+ LAB UG/M**2
# OF SAMPLES :	14	14	14	14	14	14	14.00
MAXIMUM :	1.415	0.0567	2.483	0.1808	0.0192	4913.80	3145
MINIMUM :	0.078	0.0066	0.338	0.0308	0.0003	715.00	176.99
ARITH. MEAN :	0.521	0.0180	1.281	0.0824	0.0027	2322.45	1429.3
ARITH. STD. DEV :	0.483	0.0132	0.767	0.0506	0.0050	1282.70	907.70
GEOM. MEAN :	0.353	0.0149	1.052	0.0706	0.0012	2005.84	1124.1
1ST QUARTILE :	0.144	0.0096	0.523	0.0438	0.0005	1268.59	642.75
2ND QUARTILE :	0.441	0.0152	1.488	0.0837	0.0008	1874.02	1256.7
3RD QUARTILE :	0.793	0.0223	1.708	0.0977	0.0022	3518.07	2315
VOL. WGT. MEAN :	0.426	0.0180	1.261	0.0779	0.0027	2322.45	1968.7
MISSING VALUES :	8	0	3	7	0	0	0.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF DEPOSITION
---------- STATION=BEAR ISLAND MIC TYPE A SITE NO.1 ----------

	EQUIVALENT PREC. DEPTH MM	SULFATE MG/M**2	NITRATE MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2	KJELDAHL MG/M**2	MAGNESIUM MG/M**2
# OF SAMPLES :	12.0	12	12	12	12	12	12
MAXIMUM :	107.1	283.41	53.55	52.45	16.06	42.180	13.536
MINIMUM :	14.9	14.85	3.78	0.00	1.59	1.080	0.000
ARITH. MEAN :	58.8	159.47	23.65	15.45	4.91	20.045	2.872
ARITH. STD. DEV :	28.7	92.61	13.92	15.72	4.38	12.442	3.909
GEOM. MEAN :	50.9	118.36	19.18	12.21	3.74	14.564	1.893
1ST QUARTILE :	30.7	64.69	13.17	6.80	2.05	8.626	1.071
2ND QUARTILE :	61.8	183.60	23.80	9.52	3.40	19.458	1.700
3RD QUARTILE :	80.6	230.32	31.30	26.82	6.70	30.080	2.304
VOL. WGT. MEAN :	.	149.33	22.14	14.47	4.59	18.772	2.689
MISSING VALUES :	0.0	1	1	1	1	1	1

	POTASSIUM MG/M**2	SODIUM MG/M**2	AMMONIUM MG/M**2	PHOSPHOR MG/M**2	MANGANESE MG/M**2	NICKEL MG/M**2	ZINC MG/M**2	IRON MG/M**2
# OF SAMPLES :	12	12	12	12	12	12	12	12
MAXIMUM :	31.725	7.497	26.790	9.644	0.721	0.1428	0.662	3.408
MINIMUM :	0.000	0.000	0.135	0.000	0.027	0.0045	0.079	0.312
ARITH. MEAN :	5.323	3.676	14.636	1.367	0.186	0.0446	0.299	1.232
ARITH. STD. DEV :	8.967	2.641	10.133	2.826	0.221	0.0407	0.253	0.888
GEOM. MEAN :	3.772	3.082	8.223	0.582	0.116	0.0292	0.228	1.009
1ST QUARTILE :	0.908	0.793	5.480	0.106	0.068	0.0169	0.110	0.618
2ND QUARTILE :	3.060	4.230	14.620	0.405	0.094	0.0293	0.228	1.019
3RD QUARTILE :	4.761	6.075	25.500	0.857	0.168	0.0610	0.560	1.470
VOL. WGT. MEAN :	4.984	3.443	13.706	1.280	0.174	0.0418	0.245	1.165
MISSING VALUES :	1	1	1	1	1	1	8	2

	LEAD MG/M**2	VANADIUM MG/M**2	ALUMINUM MG/M**2	COPPER MG/M**2	CADMIUM MG/M**2	ACIDITY GRAN UG/M**2	FREEH+ LAB UG/M**2
# OF SAMPLES :	12	12	12	12	12	12	12.00
MAXIMUM :	0.266	0.0428	4.065	0.1300	0.0196	6708.78	5040.9
MINIMUM :	0.079	0.0091	0.690	0.0408	0.0005	934.20	437.89
ARITH. MEAN :	0.186	0.0251	1.672	0.0820	0.0037	4306.91	2866.3
ARITH. STD. DEV :	0.075	0.0106	1.105	0.0397	0.0055	2054.82	1712.6
GEOM. MEAN :	0.171	0.0228	1.423	0.0745	0.0021	3675.03	2141.7
1ST QUARTILE :	0.119	0.0168	0.834	0.0455	0.0011	1952.25	769.18
2ND QUARTILE :	0.194	0.0272	1.324	0.0785	0.0019	4977.89	3659.8
3RD QUARTILE :	0.255	0.0338	2.153	0.1219	0.0041	6181.20	4071.8
VOL. WGT. MEAN :	0.223	0.0235	1.801	0.0741	0.0035	4033.23	463.12
MISSING VALUES :	6	1	4	8	1	1	1.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF DEPOSITION
STATION=CAMPBELLFORD MIC TYPE A SITE NO.1

	EQUIVALENT PREC. DEPTH MM	SULFATE MG/M**2	NITRATE MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2	KJELDAHL MG/M**2	MAGNESIUM MG/M**2
# OF SAMPLES :	13.0	13	13	13	13	13	13
MAXIMUM :	100.8	316.35	50.00	34.20	21.17	37.500	5.000
MINIMUM :	20.0	52.80	15.68	2.56	6.40	3.200	0.160
ARITH. MEAN :	58.0	187.71	34.82	17.56	10.99	23.329	2.243
ARITH. STD. DEV :	22.0	96.44	9.55	9.59	3.98	10.437	1.579
GEOM. MEAN :	53.8	159.14	33.41	14.73	10.43	20.065	1.627
1ST QUARTILE :	47.0	90.00	28.11	11.65	8.75	15.530	1.110
2ND QUARTILE :	55.0	210.00	35.34	15.00	9.88	25.160	1.750
3RD QUARTILE :	72.0	279.17	40.85	26.60	12.98	32.150	3.500
VOL. WGT. MEAN :	.	187.71	34.82	17.56	10.99	23.329	2.243
MISSING VALUES :	0.0	0	0	0	0	0	0

	POTASSIUM MG/M**2	SODIUM MG/M**2	AMMONIUM MG/M**2	PHOSPHOR MG/M**2	MANGANESE MG/M**2	NICKEL MG/M**2	ZINC MG/M**2	IRON MG/M**2
# OF SAMPLES :	13	13	13	13	13	13	13	13
MAXIMUM :	2.280	7.015	45.000	0.540	0.793	0.0630	0.143	2.238
MINIMUM :	0.000	1.140	1.600	0.000	0.032	0.0064	0.086	0.624
ARITH. MEAN :	1.003	3.234	20.822	0.181	0.252	0.0196	0.121	1.182
ARITH. STD. DEV :	0.853	1.833	11.378	0.163	0.238	0.0150	0.030	0.558
GEOM. MEAN :	1.081	2.796	16.530	0.237	0.169	0.0162	0.118	1.074
1ST QUARTILE :	0.152	1.710	13.245	0.000	0.089	0.0100	0.086	0.694
2ND QUARTILE :	0.760	2.750	22.176	0.202	0.136	0.0152	0.132	0.976
3RD QUARTILE :	2.000	4.041	26.900	0.279	0.425	0.0226	0.143	1.581
VOL. WGT. MEAN :	1.003	3.234	20.822	0.181	0.252	0.0196	0.094	1.177
MISSING VALUES :	0	0	0	0	0	0	10	1

	LEAD MG/M**2	VANADIUM MG/M**2	ALUMINUM MG/M**2	COPPER MG/M**2	CADMIUM MG/M**2	ACIDITY GRAN UG/M**2	FREEH+ LAB UG/M**2
# OF SAMPLES :	13	13	13	13	13	13	13.00
MAXIMUM :	1.195	0.0403	2.802	0.0892	0.0063	7616.00	6151.3
MINIMUM :	0.086	0.0128	0.611	0.0732	0.0006	2080.00	1552.5
ARITH. MEAN :	0.603	0.0237	1.449	0.0812	0.0022	5125.89	3507.5
ARITH. STD. DEV :	0.478	0.0081	0.671	0.0113	0.0018	1634.39	1353.6
GEOM. MEAN :	0.414	0.0225	1.322	0.0808	0.0017	4830.98	3252.7
1ST QUARTILE :	0.173	0.0188	1.000	0.0732	0.0010	3829.20	2320.6
2ND QUARTILE :	0.433	0.0220	1.250	0.0812	0.0014	5555.00	3434.6
3RD QUARTILE :	1.145	0.0288	1.934	0.0892	0.0036	6250.00	4531.8
VOL. WGT. MEAN :	0.550	0.0237	1.383	0.0624	0.0022	5125.89	3761.2
MISSING VALUES :	5	0	4	11	0	0	0.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF DEPOSITION
STATION=CLOYNE MIC TYPE A SITE NO.1

	EQUIVALENT PREC. DEPTH MM	SULFATE MG/M**2	NITRATE MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2	KJELDAHL MG/M**2	MAGNESIUM MG/M**2
# OF SAMPLES :	11.0	11	11	11	11	11	11
MAXIMUM :	120.0	420.00	60.00	42.18	22.80	66.690	9.200
MINIMUM :	4.7	8.69	0.25	1.22	2.82	2.491	0.117
ARITH. MEAN :	63.2	172.67	30.94	12.97	13.10	27.734	3.204
ARITH. STD. DEV :	37.2	156.77	21.41	13.66	5.73	23.677	3.572
GEOM. MEAN :	48.6	95.98	15.59	7.44	11.53	18.102	1.356
1ST QUARTILE :	35.0	33.75	9.72	2.70	10.77	9.650	0.362
2ND QUARTILE :	57.0	120.70	29.49	7.49	12.94	17.497	1.260
3RD QUARTILE :	106.7	323.81	49.62	19.80	16.44	49.100	6.630
VOL. WGT. MEAN :	.	184.01	32.97	13.82	13.96	29.556	3.414
MISSING VALUES :	0.0	3	3	3	3	3	3

	POTASSIUM MG/M**2	SODIUM MG/M**2	AMMONIUM MG/M**2	PHOSPHOR MG/M**2	MANGANESE MG/M**2	NICKEL MG/M**2	ZINC MG/M**2	IRON MG/M**2
# OF SAMPLES :	11	11	11	11	11	11	11	11
MAXIMUM :	5.130	10.850	51.300	1.425	0.798	0.0414	0.146	2.391
MINIMUM :	0.305	1.927	1.250	0.000	0.014	0.0009	0.146	0.171
ARITH. MEAN :	1.932	5.659	21.972	0.351	0.226	0.0206	0.146	1.322
ARITH. STD. DEV :	1.615	3.551	21.074	0.477	0.277	0.0144	.	0.855
GEOM. MEAN :	1.374	4.666	10.827	0.257	0.112	0.0133	0.146	0.972
1ST QUARTILE :	0.661	2.512	2.676	0.006	0.046	0.0070	0.146	0.382
2ND QUARTILE :	1.315	4.801	13.670	0.226	0.107	0.0213	0.146	1.287
3RD QUARTILE :	2.950	9.355	45.000	0.502	0.320	0.0350	0.146	2.129
VOL. WGT. MEAN :	2.059	6.030	23.415	0.375	0.282	0.0258	0.087	1.650
MISSING VALUES :	3	3	3	3	4	4	10	4

	LEAD MG/M**2	VANADIUM MG/M**2	ALUMINUM MG/M**2	COPPER MG/M**2	CADMIUM MG/M**2	ACIDITY GRAN UG/M**2	FREEH+ LAB UG/M**2
# OF SAMPLES :	11	11	11	11	11	11	11.00
MAXIMUM :	0.581	0.0427	2.828	0.0661	0.0460	10836	6654.1
MINIMUM :	0.033	0.0019	0.732	0.0167	0.0002	415.01	296.55
ARITH. MEAN :	0.175	0.0203	1.696	0.0436	0.0094	4695.52	3030.5
ARITH. STD. DEV :	0.229	0.0137	0.938	0.0183	0.0164	3466.90	2327.7
GEOM. MEAN :	0.103	0.0147	1.492	0.0397	0.0032	3203.45	1957.3
1ST QUARTILE :	0.049	0.0100	0.838	0.0261	0.0011	1479.75	786.06
2ND QUARTILE :	0.084	0.0184	1.612	0.0458	0.0031	4564.95	2809.8
3RD QUARTILE :	0.347	0.0320	2.638	0.0600	0.0080	7142.56	5312
VOL. WGT. MEAN :	0.260	0.0253	1.538	0.0473	0.0117	5003.94	2470.3
MISSING VALUES :	6	4	7	5	4	3	3.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF DEPOSITION
STATION=COLCHESTER MIC TYPE A SITE NO.1

	EQUIVALENT PREC. DEPTH MM	SULFATE MG/M**2	NITRATE MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2	KJELDAHL MG/M**2	MAGNESIUM MG/M**2
# OF SAMPLES :	13.0	13	13	13	13	13	13
MAXIMUM :	157.0	761.40	84.60	175.84	40.36	627.900	26.690
MINIMUM :	12.6	37.17	13.45	5.29	9.12	6.804	1.071
ARITH. MEAN :	69.1	312.60	42.47	41.77	17.40	92.606	7.603
ARITH. STD. DEV :	37.4	233.25	22.52	45.13	8.42	165.555	7.240
GEOM. MEAN :	59.1	227.19	36.73	25.85	15.90	42.107	5.054
1ST QUARTILE :	40.0	108.71	24.38	8.30	9.94	15.008	1.726
2ND QUARTILE :	64.0	259.20	42.28	35.70	16.50	36.300	6.632
3RD QUARTILE :	91.8	499.62	60.37	51.64	21.49	88.090	8.499
VOL. WGT. MEAN :	.	312.60	42.47	41.77	17.40	92.606	7.603
MISSING VALUES :	0.0	0	0	0	0	0	0

	POTASSIUM MG/M**2	SODIUM MG/M**2	AMMONIUM MG/M**2	PHOSPHOR MG/M**2	MANGANESE MG/M**2	NICKEL MG/M**2	ZINC MG/M**2	IRON MG/M**2
# OF SAMPLES :	13	13	13	13	13	13	13	13
MAXIMUM :	22.425	31.843	89.300	8.715	0.684	0.2153	0.942	6.494
MINIMUM :	0.378	2.166	5.355	0.000	0.052	0.0025	0.805	0.412
ARITH. MEAN :	5.697	6.110	38.030	1.403	0.278	0.0363	0.873	2.276
ARITH. STD. DEV :	6.733	7.898	29.220	2.543	0.209	0.0579	0.096	1.778
GEOM. MEAN :	3.029	4.320	27.467	0.706	0.204	0.0180	0.871	1.728
1ST QUARTILE :	0.973	2.435	12.994	0.025	0.080	0.0096	0.805	0.875
2ND QUARTILE :	3.575	4.145	34.920	0.308	0.249	0.0140	0.873	1.788
3RD QUARTILE :	7.230	6.290	61.580	1.198	0.412	0.0367	0.942	2.997
VOL. WGT. MEAN :	5.697	6.110	38.030	1.403	0.278	0.0363	0.481	2.276
MISSING VALUES :	0	0	0	0	0	0	11	0

	LEAD MG/M**2	VANADIUM MG/M**2	ALUMINUM MG/M**2	COPPER MG/M**2	CADMIUM MG/M**2	ACIDITY GRAN UG/M**2	FREEH+ LAB UG/M**2
# OF SAMPLES :	13	13	13	13	13	13	13.00
MAXIMUM :	3.375	0.0940	6.325	0.8503	0.1058	15698	11834
MINIMUM :	0.210	0.0050	1.294	0.0529	0.0007	1562.40	696.29
ARITH. MEAN :	1.276	0.0325	2.848	0.2195	0.0122	6271.90	3970.1
ARITH. STD. DEV :	1.219	0.0237	1.549	0.2896	0.0284	4153.49	3134.7
GEOM. MEAN :	0.890	0.0258	2.529	0.1224	0.0040	5126.88	2955.7
1ST QUARTILE :	0.513	0.0160	1.881	0.0556	0.0017	3605.61	1678.5
2ND QUARTILE :	0.888	0.0256	2.181	0.0860	0.0031	4939.00	3132.6
3RD QUARTILE :	2.233	0.0389	3.995	0.3734	0.0084	8688.30	5872.2
VOL. WGT. MEAN :	0.942	0.0325	2.791	0.1949	0.0122	6271.90	696.29
MISSING VALUES :	8	0	1	5	0	0	0.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF DEPOSITION
STATION=COLDWATER MIC TYPE A SITE NO.1

	EQUIVALENT PREC. DEPTH MM	SULFATE MG/M**2	NITRATE MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2	KJELDAHL MG/M**2	MAGNESIUM MG/M**2
# OF SAMPLES :	13.0	13	13	13	13	13	13
MAXIMUM :	128.0	300.30	86.11	80.52	27.65	260.700	9.240
MINIMUM :	21.0	22.05	10.29	1.36	0.00	4.080	0.170
ARITH. MEAN :	63.7	167.75	33.23	20.06	9.28	55.754	3.072
ARITH. STD. DEV :	32.3	97.54	21.21	21.66	7.71	79.265	2.875
GEOM. MEAN :	56.1	132.39	27.57	12.08	7.92	25.526	1.789
1ST QUARTILE :	35.0	80.84	14.75	5.88	4.20	9.420	0.650
2ND QUARTILE :	66.0	169.62	32.46	11.10	8.24	25.160	2.072
3RD QUARTILE :	83.0	273.04	43.63	27.43	11.68	74.242	5.599
VOL. WGT. MEAN :	.	170.28	33.73	20.36	9.42	52.379	3.118
MISSING VALUES :	0.0	1	1	1	1	3	1

	POTASSIUM MG/M**2	SODIUM MG/M**2	AMMONIUM MG/M**2	PHOSPHOR MG/M**2	MANGANESE MG/M**2	NICKEL MG/M**2	ZINC MG/M**2	IRON MG/M**2
# OF SAMPLES :	13	13	13	13	13	13	13	13
MAXIMUM :	131.340	16.640	188.100	32.010	0.444	0.0237	0.553	3.912
MINIMUM :	0.000	1.148	1.020	0.000	0.021	0.0000	0.104	0.349
ARITH. MEAN :	14.394	4.240	39.498	4.078	0.164	0.0119	0.293	2.067
ARITH. STD. DEV :	37.283	4.545	53.618	10.006	0.124	0.0077	0.226	1.338
GEOM. MEAN :	2.213	2.882	17.904	0.625	0.119	0.0112	0.226	1.592
1ST QUARTILE :	0.242	1.402	8.190	0.133	0.066	0.0066	0.119	0.715
2ND QUARTILE :	1.502	2.370	25.600	0.249	0.142	0.0105	0.145	1.846
3RD QUARTILE :	10.691	4.882	56.880	2.262	0.250	0.0196	0.540	3.344
VOL. WGT. MEAN :	14.611	4.304	38.597	3.832	0.167	0.0121	0.279	2.228
MISSING VALUES :	1	1	2	3	1	1	8	3

	LEAD MG/M**2	VANADIUM MG/M**2	ALUMINUM MG/M**2	COPPER MG/M**2	CADMIUM MG/M**2	ACIDITY GRAN UG/M**2	FREEH+ LAB UG/M**2
# OF SAMPLES :	13	13	13	13	13	13	13.00
MAXIMUM :	0.533	0.0528	13.073	0.2453	0.0047	7029.60	4871.1
MINIMUM :	0.000	0.0084	0.360	0.0140	0.0000	968.40	4.53
ARITH. MEAN :	0.213	0.0273	3.506	0.0864	0.0019	3838.66	2244.3
ARITH. STD. DEV :	0.223	0.0156	3.600	0.0821	0.0015	2069.06	1702.5
GEOM. MEAN :	0.194	0.0232	2.376	0.0561	0.0017	3252.69	850.52
1ST QUARTILE :	0.034	0.0138	1.463	0.0164	0.0008	1820.70	1006.5
2ND QUARTILE :	0.108	0.0238	2.526	0.0729	0.0015	3712.20	1914.4
3RD QUARTILE :	0.443	0.0420	3.844	0.1381	0.0033	5404.60	4047.8
VOL. WGT. MEAN :	0.227	0.0277	3.430	0.0881	0.0020	3896.39	2645.5
MISSING VALUES :	8	1	3	6	1	1	1.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF DEPOSITION
STATION=DALHOUSIE MILLS MIC TYPE A SITE NO.1

	EQUIVALENT PREC. DEPTH MM	SULFATE MG/M**2	NITRATE MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2	KJELDAHL MG/M**2	MAGNESIUM MG/M**2
# OF SAMPLES :	13.0	13	13	13	13	13	13
MAXIMUM :	103.9	477.00	61.64	42.56	27.09	61.040	14.560
MINIMUM :	27.0	44.55	11.07	8.64	4.74	14.720	1.185
ARITH. MEAN :	60.8	188.40	35.66	15.87	13.55	32.747	5.334
ARITH. STD. DEV :	26.3	130.96	14.84	9.50	6.94	14.686	4.859
GEOM. MEAN :	55.5	148.80	32.41	14.17	11.95	29.935	3.665
1ST QUARTILE :	40.0	87.45	27.37	9.93	7.57	23.520	1.562
2ND QUARTILE :	55.0	139.46	31.22	13.36	12.60	29.700	2.890
3RD QUARTILE :	89.0	282.97	48.43	17.35	18.23	47.520	7.529
VOL. WGT. MEAN :	.	200.22	37.90	16.87	14.40	33.769	5.669
MISSING VALUES :	0.0	1	1	1	1	2	1

	POTASSIUM MG/M**2	SODIUM MG/M**2	AMMONIUM MG/M**2	PHOSPHOR MG/M**2	MANGANESE MG/M**2	NICKEL MG/M**2	ZINC MG/M**2	IRON MG/M**2
# OF SAMPLES :	13	13	13	13	13	13	13	13
MAXIMUM :	6.160	14.477	51.520	1.680	0.784	0.0360	0.586	2.285
MINIMUM :	0.420	1.185	3.640	0.000	0.088	0.0076	0.427	0.599
ARITH. MEAN :	1.982	5.497	23.654	0.579	0.312	0.0185	0.501	1.253
ARITH. STD. DEV :	1.975	4.354	15.275	0.497	0.203	0.0098	0.080	0.471
GEOM. MEAN :	1.345	3.941	18.820	0.494	0.257	0.0164	0.497	1.176
1ST QUARTILE :	0.715	1.515	10.535	0.230	0.155	0.0108	0.427	0.972
2ND QUARTILE :	1.154	5.360	20.814	0.504	0.295	0.0163	0.491	1.159
3RD QUARTILE :	2.599	7.105	38.937	0.700	0.406	0.0266	0.586	1.585
VOL. WGT. MEAN :	2.107	5.842	25.138	0.598	0.331	0.0197	0.489	1.380
MISSING VALUES :	1	1	1	2	1	1	10	2

	LEAD MG/M**2	VANADIUM MG/M**2	ALUMINUM MG/M**2	COPPER MG/M**2	CADMIUM MG/M**2	ACIDITY GRAN UG/M**2	FREEH+ LAB UG/M**2
# OF SAMPLES :	13	13	13	13	13	13	13.00
MAXIMUM :	0.889	0.0374	4.497	0.3753	0.0945	10620	6671.8
MINIMUM :	0.123	0.0108	0.515	0.0206	0.0000	450.90	4.18
ARITH. MEAN :	0.369	0.0252	2.066	0.1017	0.0090	4985.75	3127.2
ARITH. STD. DEV :	0.311	0.0096	1.313	0.1372	0.0269	2536.53	1683.9
GEOM. MEAN :	0.284	0.0234	1.675	0.0574	0.0018	4090.54	1805.3
1ST QUARTILE :	0.139	0.0172	0.883	0.0243	0.0008	3078.60	1876.5
2ND QUARTILE :	0.273	0.0222	1.896	0.0440	0.0011	5100.25	3302.6
3RD QUARTILE :	0.647	0.0358	3.078	0.1693	0.0020	6047.82	4024
VOL. WGT. MEAN :	0.393	0.0267	2.272	0.1000	0.0096	5298.43	3410
MISSING VALUES :	8	1	4	7	1	1	1.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF DEPOSITION
STATION=DORION MIC TYPE A SITE NO.1

	EQOIVALENT PREC. DEPTH MM	SULFATE MG/M**2	NITRATE MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2	KJELDAHL MG/M**2	MAGNESIUM MG/M**2
# OF SAMPLES :	13.0	13	13	13	13	13	13
MAXIMUM :	105.1	126.12	23.10	18.48	18.36	30.030	3.850
MINIMUM :	4.5	14.52	0.00	0.97	0.00	5.060	0.121
ARITH. MEAN :	41.6	57.73	12.44	7.85	5.80	16.326	1.274
ARITH. STD. DEV :	28.2	35.61	6.95	5.12	5.85	8.008	1.100
GEOM. MEAN :	31.3	47.54	12.04	6.16	5.09	14.324	0.864
1ST QUARTILE :	16.2	28.83	6.79	3.77	1.71	8.280	0.349
2ND QUARTILE :	39.0	50.40	11.50	7.84	3.92	18.200	1.040
3RD QUARTILE :	54.0	70.10	18.82	11.06	7.75	22.330	1.831
VOL. WGT. MEAN :	.	57.73	12.44	7.85	5.80	14.252	1.274
MISSING VALUES :	0.0	0	0	0	0	2	0

	POTASSIUM MG/M**2	SODIUM MG/M**2	AMMONIUM MG/M**2	PHOSPHOR MG/M**2	MANGANESE MG/M**2	NICKEL MG/M**2	ZINC MG/M**2	IRON MG/M**2
# OF SAMPLES :	13	13	13	13	13	13	13	13
MAXIMUM :	3.678	14.940	27.720	1.309	0.539	0.0385	0.640	3.311
MINIMUM :	0.060	1.300	0.121	0.000	0.012	0.0022	0.055	0.294
ARITH. MEAN :	1.275	3.295	10.688	0.495	0.116	0.0145	0.207	0.960
ARITH. STD. DEV :	1.342	3.630	8.591	0.416	0.146	0.0109	0.218	0.931
GEOM. MEAN :	0.652	2.505	5.289	0.445	0.074	0.0107	0.148	0.730
1ST QUARTILE :	0.250	1.593	3.119	0.264	0.041	0.0078	0.081	0.453
2ND QUARTILE :	0.390	1.960	11.200	0.336	0.088	0.0112	0.132	0.558
3RD QUARTILE :	2.473	3.140	15.213	0.690	0.105	0.0210	0.306	1.134
VOL. WGT. MEAN :	1.275	3.295	10.688	0.432	0.106	0.0133	0.184	0.828
MISSING VALUES :	0	0	0	2	2	2	7	4

	LEAD MG/M**2	VANADIUM MG/M**2	ALUMINUM MG/M**2	COPPER MG/M**2	CADMIUM MG/M**2	ACIDITY GRAN UG/M**2	FREEH+ LAB UG/M**2
# OF SAMPLES :	13	13	13	13	13	13	13.00
MAXIMUM :	4.882	0.0420	2.320	0.0497	0.0094	3815.13	1466.6
MINIMUM :	0.055	0.0044	0.450	0.0152	0.0002	379.94	3.53
ARITH. MEAN :	1.146	0.0182	1.240	0.0340	0.0019	1714.32	786.12
ARITH. STD. DEV :	1.744	0.0113	0.631	0.0162	0.0026	1010.74	516.11
GEOM. MEAN :	0.411	0.0148	1.105	0.0303	0.0012	1366.61	464.45
1ST QUARTILE :	0.088	0.0081	0.782	0.0166	0.0006	570.75	348.92
2ND QUARTILE :	0.521	0.0184	1.156	0.0404	0.0011	1887.60	791.02
3RD QUARTILE :	1.710	0.0224	1.680	0.0481	0.0021	2281.65	1384.6
VOL. WGT. MEAN :	0.991	0.0166	1.711	0.0260	0.0017	1714.32	1466.6
MISSING VALUES :	6	2	7	8	2	0	0.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF DEPOSITION
STATION=DORSET MIC TYPE A SITE NO.1

	EQUIVALENT PREC. DEPTH MM	SULFATE MG/M**2	NITRATE MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2	KJELDAHL MG/M**2	MAGNESIUM MG/M**2
# OF SAMPLES :	13.0	13	13	13	13	13	13
MAXIMUM :	98.0	334.80	73.80	46.08	22.50	46.800	8.400
MINIMUM :	17.0	23.10	6.16	0.44	2.40	2.860	0.110
ARITH. MEAN :	57.1	160.47	33.77	16.94	7.74	23.316	2.402
ARITH. STD. DEV :	26.6	107.49	18.01	14.93	5.30	14.963	2.316
GEOM. MEAN :	50.2	121.32	28.30	10.09	6.45	17.941	1.452
1ST QUARTILE :	33.5	59.85	17.64	4.17	4.47	10.320	0.627
2ND QUARTILE :	59.0	134.75	37.84	12.32	6.16	20.640	1.760
3RD QUARTILE :	82.5	252.95	41.91	28.98	10.17	36.040	3.925
VOL. WGT. MEAN :	.	160.47	33.77	16.94	7.74	23.316	2.402
MISSING VALUES :	0.0	0	0	0	0	0	0

	POTASSIUM MG/M**2	SODIUM MG/M**2	AMMONIUM MG/M**2	PHOSPHOR MG/M**2	MANGANESE MG/M**2	NICKEL MG/M**2	ZINC MG/M**2	IRON MG/M**2
# OF SAMPLES :	13	13	13	13	13	13	13	13
MAXIMUM :	3.360	13.500	49.920	0.968	0.624	0.0354	0.396	4.692
MINIMUM :	0.000	0.480	0.000	0.000	0.022	0.0034	0.080	0.167
ARITH. MEAN :	1.276	3.077	21.393	0.327	0.153	0.0161	0.207	1.258
ARITH. STD. DEV :	1.115	3.435	15.511	0.319	0.165	0.0100	0.131	1.211
GEOM. MEAN :	0.981	2.014	18.849	0.267	0.105	0.0132	0.175	0.894
1ST QUARTILE :	0.345	1.067	9.900	0.070	0.064	0.0091	0.105	0.592
2ND QUARTILE :	0.770	1.860	17.110	0.177	0.096	0.0132	0.142	0.864
3RD QUARTILE :	2.075	3.830	33.390	0.596	0.159	0.0259	0.341	1.618
VOL. WGT. MEAN :	1.276	3.077	21.393	0.327	0.153	0.0161	0.172	1.258
MISSING VALUES :	0	0	0	0	0	0	8	0

	LEAD MG/M**2	VANADIUM MG/M**2	ALUMINUM MG/M**2	COPPER MG/M**2	CADMIUM MG/M**2	ACIDITY GRAN UG/M**2	FREEH+ LAB UG/M**2
# OF SAMPLES :	13	13	13	13	13	13	13.00
MAXIMUM :	1.184	0.0392	4.455	0.0675	0.0115	8308.00	6956.5
MINIMUM :	0.153	0.0068	0.711	0.0126	0.0003	1311.20	855.90
ARITH. MEAN :	0.468	0.0228	1.698	0.0393	0.0025	4680.22	3232
ARITH. STD. DEV :	0.419	0.0107	1.114	0.0220	0.0030	2371.84	1843.3
GEOM. MEAN :	0.355	0.0201	1.454	0.0334	0.0016	4030.03	2738.8
1ST QUARTILE :	0.174	0.0134	0.965	0.0183	0.0010	2502.00	1691
2ND QUARTILE :	0.338	0.0236	1.339	0.0374	0.0013	5105.10	2995.6
3RD QUARTILE :	0.826	0.0330	2.121	0.0638	0.0031	6657.80	4687.2
VOL. WGT. MEAN :	0.356	0.0228	1.505	0.0462	0.0025	4680.22	3099
MISSING VALUES :	8	0	3	6	0	0	0.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF DEPOSITION
STATION=E.L.A. MIC TYPE A SITE NO.1

	EQUIVALENT PREC. DEPTH MM	SULFATE MG/M**2	NITRATE MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2	KJELDAHL MG/M**2	MAGNESIUM MG/M**2
# OF SAMPLES :	14.0	14	14	14	14	14	14
MAXIMUM :	126.0	90.00	24.88	24.00	12.78	38.000	5.000
MINIMUM :	3.6	4.10	1.97	2.30	0.00	5.250	0.328
ARITH. MEAN :	33.8	38.18	10.35	7.29	3.92	14.923	1.245
ARITH. STD. DEV :	35.0	24.83	7.37	5.40	3.23	9.510	1.206
GEOM. MEAN :	23.2	30.27	8.22	6.20	3.96	12.823	0.946
1ST QUARTILE :	15.6	22.11	5.25	4.59	2.15	9.234	0.529
2ND QUARTILE :	23.4	28.77	6.78	6.00	3.71	10.128	0.900
3RD QUARTILE :	31.0	55.14	16.19	7.74	4.48	22.680	1.435
VOL. WGT. MEAN :	.	38.18	10.35	6.82	3.92	12.452	1.165
MISSING VALUES :	0.0	0	0	1	0	3	1

	POTASSIUM MG/M**2	SODIUM MG/M**2	AMMONIUM MG/M**2	PHOSPHOR MG/M**2	MANGANESE MG/M**2	NICKEL MG/M**2	ZINC MG/M**2	IRON MG/M**2
# OF SAMPLES :	14	14	14	14	14	14	14	14
MAXIMUM :	5.500	7.353	30.000	1.935	0.500	0.0400	0.064	1.432
MINIMUM :	0.041	0.340	0.000	0.000	0.026	0.0032	0.052	0.401
ARITH. MEAN :	1.243	2.527	10.071	0.450	0.132	0.0117	0.060	0.614
ARITH. STD. DEV :	1.706	1.947	8.399	0.585	0.128	0.0113	0.007	0.320
GEOM. MEAN :	0.590	1.884	8.518	0.311	0.100	0.0086	0.059	0.566
1ST QUARTILE :	0.301	1.358	4.174	0.136	0.060	0.0052	0.052	0.445
2ND QUARTILE :	0.510	2.009	7.924	0.255	0.111	0.0065	0.063	0.508
3RD QUARTILE :	1.217	3.193	15.450	0.340	0.136	0.0136	0.064	0.629
VOL. WGT. MEAN :	1.163	2.364	9.424	0.376	0.110	0.0098	0.086	0.566
MISSING VALUES :	1	1	1	3	3	3	11	5

	LEAD MG/M**2	VANADIUM MG/M**2	ALUMINUM MG/M**2	COPPER MG/M**2	CADMIUM MG/M**2	ACIDITY GRAN UG/M**2	FREEH+ LAB UG/M**2
# OF SAMPLES :	14	14	14	14	14	14	14.00
MAXIMUM :	0.434	0.0504	1.647	0.0411	0.0025	2910.60	1368.9
MINIMUM :	0.052	0.0063	0.334	0.0125	0.0003	248.46	6.75
ARITH. MEAN :	0.227	0.0162	0.851	0.0207	0.0010	1151.99	405.13
ARITH. STD. DEV :	0.149	0.0147	0.536	0.0100	0.0009	840.62	490.02
GEOM. MEAN :	0.183	0.0126	0.724	0.0190	0.0007	891.93	155.06
1ST QUARTILE :	0.112	0.0081	0.413	0.0129	0.0004	486.42	52.90
2ND QUARTILE :	0.167	0.0113	0.653	0.0180	0.0006	780.00	176.65
3RD QUARTILE :	0.402	0.0136	1.389	0.0261	0.0020	1908.99	712.83
VOL. WGT. MEAN :	0.162	0.0135	0.652	0.0198	0.0008	1077.91	474.34
MISSING VALUES :	6	3	9	6	3	1	1.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF DEPOSITION
---------- STATION=EAR FALLS MIC TYPE A SITE NO.1 ----------

	EQUIVALENT PREC. DEPTH MM	SULFATE MG/M**2	NITRATE MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2	KJELDAHL MG/M**2	MAGNESIUM MG/M**2
# OF SAMPLES :	13.0	13	13	13	13	13	13
MAXIMUM :	90.0	79.95	21.64	20.28	8.11	45.900	4.095
MINIMUM :	3.8	2.85	1.22	1.06	0.00	0.342	0.100
ARITH. MEAN :	33.9	40.39	9.59	6.60	3.66	12.708	1.153
ARITH. STD. DEV :	25.0	23.26	5.84	5.39	2.68	12.455	1.094
GEOM. MEAN :	25.8	31.36	7.59	4.85	3.09	7.868	0.748
1ST QUARTILE :	16.6	19.75	5.68	2.30	1.33	4.414	0.351
2ND QUARTILE :	28.9	41.80	9.80	5.62	3.12	9.950	0.900
3RD QUARTILE :	48.4	59.91	12.44	9.11	6.07	14.863	1.627
VOL. WGT. MEAN :	.	40.39	9.59	6.60	3.66	12.708	1.153
MISSING VALUES :	0.0	0	0	0	0	0	0

	POTASSIUM MG/M**2	SODIUM MG/M**2	AMMONIUM MG/M**2	PHOSPHOR MG/M**2	MANGANESE MG/M**2	NICKEL MG/M**2	ZINC MG/M**2	IRON MG/M**2
# OF SAMPLES :	13	13	13	13	13	13	13	13
MAXIMUM :	6.300	6.506	32.400	6.210	0.180	0.0399	0.170	1.325
MINIMUM :	0.038	0.855	0.019	0.000	0.020	0.0008	0.060	0.328
ARITH. MEAN :	1.395	2.991	9.573	0.684	0.097	0.0146	0.103	0.566
ARITH. STD. DEV :	1.693	1.879	9.992	1.665	0.062	0.0124	0.048	0.287
GEOM. MEAN :	0.633	2.430	4.114	0.293	0.076	0.0091	0.096	0.521
1ST QUARTILE :	0.195	1.297	2.038	0.150	0.039	0.0044	0.066	0.385
2ND QUARTILE :	1.072	3.150	8.050	0.240	0.078	0.0092	0.091	0.494
3RD QUARTILE :	1.814	4.755	12.687	0.327	0.166	0.0258	0.152	0.630
VOL. WGT. MEAN :	1.395	2.991	9.573	0.684	0.094	0.0141	0.107	0.579
MISSING VALUES :	0	0	0	0	1	1	9	3

	LEAD MG/M**2	VANADIUM MG/M**2	ALUMINUM MG/M**2	COPPER MG/M**2	CADMIUM MG/M**2	ACIDITY GRAN UG/M**2	FREEH+ LAB UG/M**2
# OF SAMPLES :	13	13	13	13	13	13	13.00
MAXIMUM :	1.003	0.0360	2.027	0.0763	0.0266	2081.96	1438.4
MINIMUM :	0.083	0.0015	0.471	0.0198	0.0003	142.50	18.12
ARITH. MEAN :	0.296	0.0141	1.109	0.0428	0.0032	1182.31	436.59
ARITH. STD. DEV :	0.323	0.0103	0.594	0.0232	0.0074	668.60	501.24
GEOM. MEAN :	0.207	0.0105	0.986	0.0377	0.0011	947.67	194.74
1ST QUARTILE :	0.115	0.0066	0.603	0.0207	0.0004	655.15	48.98
2ND QUARTILE :	0.157	0.0116	1.069	0.0476	0.0010	988.38	309.76
3RD QUARTILE :	0.305	0.0211	1.636	0.0626	0.0018	1910.90	732.31
VOL. WGT. MEAN :	0.247	0.0136	1.242	0.0332	0.0031	1182.31	1071
MISSING VALUES :	6	1	8	8	1	0	0.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF DEPOSITION
STATION=GERALDTON MIC TYPE A SITE NO. 1

	EQUIVALENT PREC. DEPTH MM	SULFATE MG/M**2	NITRATE MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2	KJELDAHL MG/M**2	MAGNESIUM MG/M**2
# OF SAMPLES :	13.0	13	13	13	13	13	13
MAXIMUM :	120.0	84.00	34.80	21.34	5.38	21.600	3.977
MINIMUM :	5.5	8.52	2.25	1.43	0.00	3.432	0.000
ARITH. MEAN :	44.4	47.35	10.80	8.07	3.23	10.992	1.209
ARITH. STD. DEV :	34.2	25.65	8.41	6.92	1.81	6.119	1.280
GEOM. MEAN :	32.0	38.45	8.55	5.65	3.57	9.324	0.860
1ST QUARTILE :	16.7	20.14	5.04	2.25	1.86	5.734	0.358
2ND QUARTILE :	25.7	54.32	10.24	5.80	3.82	11.043	0.640
3RD QUARTILE :	69.5	68.48	13.56	12.58	4.52	16.484	2.268
VOL. WGT. MEAN :	.	47.35	10.80	8.07	3.23	10.245	1.209
MISSING VALUES :	0.0	0	0	0	0	1	0

	POTASSIUM MG/M**2	SODIUM MG/M**2	AMMONIUM MG/M**2	PHOSPHOR MG/M**2	MANGANESE MG/M**2	NICKEL MG/M**2	ZINC MG/M**2	IRON MG/M**2
# OF SAMPLES :	13	13	13	13	13	13	13	13
MAXIMUM :	3.395	3.770	29.400	0.525	0.300	0.0522	0.167	1.590
MINIMUM :	0.000	0.768	0.000	0.000	0.024	0.0026	0.062	0.221
ARITH. MEAN :	1.145	2.497	7.665	0.260	0.101	0.0165	0.111	0.853
ARITH. STD. DEV :	1.247	0.951	8.014	0.189	0.089	0.0152	0.041	0.524
GEOM. MEAN :	1.111	2.295	4.821	0.326	0.074	0.0112	0.104	0.693
1ST QUARTILE :	0.000	1.834	0.942	0.043	0.034	0.0049	0.082	0.393
2ND QUARTILE :	0.514	2.441	5.964	0.275	0.069	0.0141	0.096	0.841
3RD QUARTILE :	2.245	3.388	11.497	0.447	0.126	0.0226	0.156	1.295
VOL. WGT. MEAN :	1.145	2.497	7.665	0.242	0.094	0.0154	0.097	0.753
MISSING VALUES :	0	0	0	1	1	1	7	5

	LEAD MG/M**2	VANADIUM MG/M**2	ALUMINUM MG/M**2	COPPER MG/M**2	CADMIUM MG/M**2	ACIDITY GRAN UG/M**2	FREEH+ LAB UG/M**2
# OF SAMPLES :	13	13	13	13	13	13	13.00
MAXIMUM :	1.158	0.0480	2.710	0.0751	0.0024	4790.80	3114.8
MINIMUM :	0.076	0.0053	1.149	0.0123	0.0003	347.05	5.22
ARITH. MEAN :	0.320	0.0192	1.761	0.0318	0.0010	1751.23	780.28
ARITH. STD. DEV :	0.350	0.0133	0.834	0.0230	0.0006	1287.37	790.62
GEOM. MEAN :	0.199	0.0151	1.642	0.0264	0.0008	1330.87	436.85
1ST QUARTILE :	0.092	0.0077	1.149	0.0165	0.0004	672.24	300.92
2ND QUARTILE :	0.107	0.0167	1.423	0.0246	0.0009	1408.36	629.77
3RD QUARTILE :	0.525	0.0289	2.710	0.0460	0.0014	2645.76	1039
VOL. WGT. MEAN :	0.365	0.0179	2.402	0.0319	0.0009	1751.23	3114.8
MISSING VALUES :	3	1	10	7	1	0	0.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF DEPOSITION
STATION=GOLDEN LAKE MIC TYPE A SITE NO.1

	EQUIVALENT PREC. DEPTH MM	SULFATE MG/M**2	NITRATE MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2	KJELDAHL MG/M**2	MAGNESIUM MG/M**2
# OF SAMPLES :	13.0	13	13	13	13	13	13
MAXIMUM :	101.0	317.59	52.35	41.88	14.20	56.538	6.980
MINIMUM :	19.1	23.88	6.82	1.24	4.20	4.030	0.465
ARITH. MEAN :	55.0	139.88	25.80	10.14	7.44	21.302	1.642
ARITH. STD. DEV :	22.8	100.04	13.32	10.13	3.59	15.357	1.711
GEOM. MEAN :	50.1	101.98	22.54	7.46	6.80	16.120	1.229
1ST QUARTILE :	32.5	44.30	15.77	4.69	4.86	9.430	0.772
2ND QUARTILE :	55.1	142.50	21.45	8.96	5.58	17.100	1.155
3RD QUARTILE :	70.4	225.00	35.59	10.36	9.83	32.475	1.920
VOL. WGT. MEAN :	.	139.88	25.80	10.14	7.44	21.302	1.642
MISSING VALUES :	0.0	0	0	0	0	0	0

	POTASSIUM MG/M**2	SODIUM MG/M**2	AMMONIUM MG/M**2	PHOSPHOR MG/M**2	MANGANESE MG/M**2	NICKEL MG/M**2	ZINC MG/M**2	IRON MG/M**2
# OF SAMPLES :	13	13	13	13	13	13	13	13
MAXIMUM :	4.537	4.615	51.652	0.847	1.885	0.0279	1.587	3.286
MINIMUM :	0.155	1.020	1.860	0.000	0.028	0.0038	0.111	0.372
ARITH. MEAN :	1.365	2.002	16.545	0.400	0.214	0.0164	0.671	1.023
ARITH. STD. DEV :	1.361	0.947	14.117	0.279	0.503	0.0082	0.625	0.930
GEOM. MEAN :	0.869	1.849	11.215	0.352	0.087	0.0140	0.408	0.778
1ST QUARTILE :	0.353	1.482	5.577	0.172	0.054	0.0086	0.133	0.486
2ND QUARTILE :	0.975	1.625	15.105	0.310	0.071	0.0170	0.497	0.585
3RD QUARTILE :	2.000	2.406	22.985	0.668	0.107	0.0229	1.296	1.214
VOL. WGT. MEAN :	1.365	2.002	16.545	0.400	0.214	0.0164	0.568	1.023
MISSING VALUES :	0	0	0	0	0	0	7	0

	LEAD MG/M**2	VANADIUM MG/M**2	ALUMINUM MG/M**2	COPPER MG/M**2	CADMIUM MG/M**2	ACIDITY GRAN UG/M**2	FREEH+ LAB UG/M**2
# OF SAMPLES :	13	13	13	13	13	13	13.00
MAXIMUM :	1.791	0.0404	2.477	0.0650	0.0028	6368.70	4368.8
MINIMUM :	0.087	0.0076	0.414	0.0115	0.0006	1308.20	726.71
ARITH. MEAN :	0.529	0.0220	1.156	0.0345	0.0014	3940.29	2513.9
ARITH. STD. DEV :	0.527	0.0091	0.622	0.0225	0.0006	1750.78	1236.9
GEOM. MEAN :	0.357	0.0201	1.012	0.0286	0.0013	3493.88	2185.2
1ST QUARTILE :	0.152	0.0130	0.664	0.0153	0.0010	2318.39	1387.6
2ND QUARTILE :	0.387	0.0220	1.050	0.0271	0.0013	4082.00	2367.7
3RD QUARTILE :	0.704	0.0282	1.593	0.0612	0.0018	5482.05	3694.6
VOL. WGT. MEAN :	0.472	0.0220	1.053	0.0303	0.0014	3940.29	1222.2
MISSING VALUES :	4	0	3	7	0	0	0.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF DEPOSITION
---------- STATION=GOWGANDA MIC TYPE A SITE NO.1 ----------

	EQUIVALENT PREC. DEPTH MM	SULFATE MG/M**2	NITRATE MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2	KJELDAHL MG/M**2	MAGNESIUM MG/M**2
# OF SAMPLES :	11.0	11	11	11	11	11	11
MAXIMUM :	145.0	391.50	40.60	16.72	19.29	33.350	3.215
MINIMUM :	8.6	8.60	2.24	0.69	0.00	1.376	0.000
ARITH. MEAN :	47.2	103.64	16.78	6.15	5.81	15.605	0.877
ARITH. STD. DEV :	39.5	106.69	10.55	4.86	5.57	10.379	0.923
GEOM. MEAN :	35.1	69.62	13.64	4.31	4.63	11.442	0.637
1ST QUARTILE :	21.0	41.25	10.30	2.00	2.11	5.971	0.172
2ND QUARTILE :	31.9	63.14	15.54	4.90	4.90	15.750	0.630
3RD QUARTILE :	64.3	120.00	19.52	9.24	6.38	23.126	1.450
VOL. WGT. MEAN :	.	103.64	16.78	6.15	5.81	14.579	0.877
MISSING VALUES :	0.0	0	0	0	0	1	0

	POTASSIUM MG/M**2	SODIUM MG/M**2	AMMONIUM MG/M**2	PHOSPHOR MG/M**2	MANGANESE MG/M**2	NICKEL MG/M**2	ZINC MG/M**2	IRON MG/M**2
# OF SAMPLES :	11	11	11	11	11	11	11	11
MAXIMUM :	3.600	10.080	29.725	0.833	0.160	0.0290	0.119	2.290
MINIMUM :	0.000	0.525	0.688	0.000	0.017	0.0042	0.050	0.186
ARITH. MEAN :	1.202	3.149	10.572	0.296	0.079	0.0115	0.084	0.771
ARITH. STD. DEV :	1.196	3.422	9.375	0.262	0.051	0.0076	0.049	0.607
GEOM. MEAN :	0.740	1.949	6.830	0.218	0.062	0.0096	0.077	0.612
1ST QUARTILE :	0.125	0.731	4.270	0.057	0.040	0.0049	0.050	0.391
2ND QUARTILE :	0.840	1.754	5.355	0.274	0.061	0.0106	0.084	0.620
3RD QUARTILE :	2.205	4.250	18.183	0.396	0.132	0.0160	0.119	0.992
VOL. WGT. MEAN :	1.202	3.149	10.572	0.277	0.074	0.0107	0.099	0.721
MISSING VALUES :	0	0	0	1	1	1	9	1

	LEAD MG/M**2	VANADIUM MG/M**2	ALUMINUM MG/M**2	COPPER MG/M**2	CADMIUM MG/M**2	ACIDITY GRAN UG/M**2	FREEH+ LAB UG/M**2
# OF SAMPLES :	11	11	11	11	11	11	11.00
MAXIMUM :	0.728	0.0580	1.684	0.1121	0.0745	10846	7101.8
MINIMUM :	0.124	0.0034	0.468	0.0104	0.0004	423.12	236.86
ARITH. MEAN :	0.313	0.0215	1.068	0.0566	0.0086	3213.25	2036.1
ARITH. STD. DEV :	0.284	0.0170	0.525	0.0480	0.0232	2861.57	2045.3
GEOM. MEAN :	0.239	0.0160	0.951	0.0393	0.0016	2386.55	1405.3
1ST QUARTILE :	0.128	0.0091	0.532	0.0190	0.0005	1677.50	883.34
2ND QUARTILE :	0.199	0.0162	1.156	0.0279	0.0012	2359.81	1325
3RD QUARTILE :	0.611	0.0336	1.559	0.1085	0.0026	3576.00	1990.3
VOL. WGT. MEAN :	0.325	0.0201	1.423	0.0466	0.0080	3213.25	1990.3
MISSING VALUES :	7	1	6	6	1	0	0.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF DEPOSITION
STATION=KILLARNEY MIC TYPE A SITE NO.1

	EQUIVALENT PREC. DEPTH MM	SULFATE MG/M**2	NITRATE MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2	KJELDAHL MG/M**2	MAGNESIUM MG/M**2
# OF SAMPLES :	14.0	14	14	14	14	14	14
MAXIMUM :	91.0	299.00	84.00	27.30	15.50	65.520	4.550
MINIMUM :	19.9	12.60	2.52	0.56	0.00	2.240	0.140
ARITH. MEAN :	53.4	149.41	33.18	11.76	8.01	28.087	1.834
ARITH. STD. DEV :	20.2	81.20	19.99	7.35	5.43	18.762	1.234
GEOM. MEAN :	49.5	119.70	26.43	8.87	7.09	21.389	1.376
1ST QUARTILE :	38.8	89.87	19.90	6.62	3.75	14.411	0.986
2ND QUARTILE :	53.6	144.00	29.76	10.80	6.96	22.155	1.466
3RD QUARTILE :	65.0	203.51	45.23	16.66	13.65	41.405	2.566
VOL. WGT. MEAN :	.	150.25	33.37	11.83	8.05	28.246	1.844
MISSING VALUES :	0.0	1	1	1	1	1	1

	POTASSIUM MG/M**2	SODIUM MG/M**2	AMMONIUM MG/M**2	PHOSPHOR MG/M**2	MANGANESE MG/M**2	NICKEL MG/M**2	ZINC MG/M**2	IRON MG/M**2
# OF SAMPLES :	14	14	14	14	14	14	14	14
MAXIMUM :	14.260	12.710	56.280	0.806	0.420	0.0744	0.997	2.486
MINIMUM :	0.000	0.600	0.000	0.000	0.028	0.0040	0.085	0.711
ARITH. MEAN :	2.153	3.474	21.768	0.273	0.121	0.0212	0.425	1.128
ARITH. STD. DEV :	3.800	3.140	15.586	0.234	0.101	0.0185	0.368	0.473
GEOM. MEAN :	1.220	2.566	19.752	0.260	0.097	0.0159	0.287	1.064
1ST QUARTILE :	0.260	1.187	11.571	0.085	0.062	0.0092	0.118	0.823
2ND QUARTILE :	0.900	2.786	18.040	0.224	0.090	0.0168	0.332	1.039
3RD QUARTILE :	2.158	4.586	32.475	0.416	0.149	0.0277	0.755	1.159
VOL. WGT. MEAN :	2.165	3.494	21.891	0.275	0.122	0.0214	0.388	1.091
MISSING VALUES :	1	1	1	1	1	1	8	2

	LEAD MG/M**2	VANADIUM MG/M**2	ALUMINUM MG/M**2	COPPER MG/M**2	CADMIUM MG/M**2	ACIDITY GRAN UG/M**2	FREEH+ LAB UG/M**2
# OF SAMPLES :	14	14	14	14	14	14	14.00
MAXIMUM :	0.923	0.0420	3.020	0.2190	0.0198	9576.00	6651.4
MINIMUM :	0.068	0.0080	0.734	0.0294	0.0004	940.80	404.72
ARITH. MEAN :	0.375	0.0219	1.812	0.0961	0.0037	4598.44	3032
ARITH. STD. DEV :	0.341	0.0097	0.909	0.0751	0.0054	2261.76	1728.6
GEOM. MEAN :	0.239	0.0199	1.597	0.0715	0.0018	4011.19	2523.9
1ST QUARTILE :	0.081	0.0150	0.774	0.0308	0.0007	3332.28	2195.9
2ND QUARTILE :	0.323	0.0200	1.846	0.0884	0.0013	4341.90	2736.9
3RD QUARTILE :	0.626	0.0260	2.901	0.1720	0.0055	6011.33	3648.9
VOL. WGT. MEAN :	0.418	0.0220	1.574	0.0876	0.0037	4598.44	3622.8
MISSING VALUES :	8	1	7	7	1	0	0.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF DEPOSITION
STATION=LAC LA CROIX MIC TYPE A SITE NO.1

	EQUIVALENT PREC. DEPTH MM	SULFATE MG/M**2	NITRATE MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2	KJELDAHL MG/M**2	MAGNESIUM MG/M**2
# OF SAMPLES :	11.0	11	11	11	11	11	11
MAXIMUM :	156.9	203.97	34.52	34.52	23.37	73.743	5.492
MINIMUM :	2.0	0.90	0.32	0.24	0.00	0.200	0.020
ARITH. MEAN :	52.0	61.63	12.76	10.26	6.26	19.999	1.632
ARITH. STD. DEV :	54.7	60.61	11.63	11.13	8.35	23.469	1.732
GEOM. MEAN :	27.6	34.19	7.46	5.43	3.60	8.959	0.805
1ST QUARTILE :	14.4	19.76	4.26	2.52	0.91	4.573	0.450
2ND QUARTILE :	23.0	36.32	9.20	5.41	3.31	9.094	0.836
3RD QUARTILE :	120.3	114.28	26.47	17.22	7.22	36.928	3.075
VOL. WGT. MEAN :	.	61.63	12.76	10.26	6.26	18.446	1.632
MISSING VALUES :	0.0	0	0	0	0	1	0

	POTASSIUM MG/M**2	SODIUM MG/M**2	AMMONIUM MG/M**2	PHOSPHOR MG/M**2	MANGANESE MG/M**2	NICKEL MG/M**2	ZINC MG/M**2	IRON MG/M**2
# OF SAMPLES :	11	11	11	11	11	11	11	11
MAXIMUM :	21.966	12.552	61.191	0.941	0.784	0.0784	3.486	4.861
MINIMUM :	0.000	0.380	0.010	0.000	0.002	0.0004	0.031	0.041
ARITH. MEAN :	3.519	3.280	14.961	0.263	0.173	0.0235	0.689	1.230
ARITH. STD. DEV :	6.603	3.509	19.525	0.280	0.228	0.0273	1.244	1.756
GEOM. MEAN :	1.838	2.119	4.384	0.261	0.078	0.0096	0.163	0.545
1ST QUARTILE :	0.000	0.908	2.951	0.114	0.045	0.0033	0.053	0.306
2ND QUARTILE :	0.615	1.955	6.095	0.170	0.086	0.0091	0.078	0.485
3RD QUARTILE :	4.920	4.210	28.872	0.397	0.246	0.0456	1.211	1.579
VOL. WGT. MEAN :	3.519	3.280	14.961	0.242	0.173	0.0235	0.532	1.424
MISSING VALUES :	0	0	0	1	0	0	3	1

	LEAD MG/M**2	VANADIUM MG/M**2	ALUMINUM MG/M**2	COPPER MG/M**2	CADMIUM MG/M**2	ACIDITY GRAN UG/M**2	FREEH+ LAB UG/M**2
# OF SAMPLES :	11	11	11	11	11	11	11.00
MAXIMUM :	0.661	0.0628	1.456	0.9000	0.0408	3859.74	1463.1
MINIMUM :	0.014	0.0008	0.147	0.0028	0.0000	64.20	10.19
ARITH. MEAN :	0.178	0.0225	0.756	0.1567	0.0060	1649.78	515.01
ARITH. STD. DEV :	0.249	0.0236	0.563	0.3042	0.0125	1358.49	488.78
GEOM. MEAN :	0.081	0.0118	0.563	0.0302	0.0011	957.79	219.13
1ST QUARTILE :	0.027	0.0058	0.263	0.0083	0.0003	325.54	31.03
2ND QUARTILE :	0.065	0.0092	0.566	0.0160	0.0009	1652.56	376.38
3RD QUARTILE :	0.336	0.0481	1.345	0.2131	0.0025	3062.70	933.83
VOL. WGT. MEAN :	0.311	0.0225	2.236	0.1356	0.0060	1649.78	10.19
MISSING VALUES :	5	0	6	2	0	0	0.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF DEPOSITION
---------- STATION=MATTAWA MIC TYPE A SITE NO.1 ----------

	EQUIVALENT PREC. DEPTH MM	SULFATE MG/M**2	NITRATE MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2	KJELDAHL MG/M**2	MAGNESIUM MG/M**2
# OF SAMPLES :	13.0	13	13	13	13	13	13
MAXIMUM :	98.0	323.40	36.50	39.11	11.76	83.220	7.155
MINIMUM :	16.4	20.50	6.59	2.03	0.00	3.444	0.253
ARITH. MEAN :	54.6	129.63	23.76	9.19	6.94	21.410	1.627
ARITH. STD. DEV :	18.3	98.86	10.78	9.70	3.25	22.011	1.909
GEOM. MEAN :	51.2	98.08	20.86	6.68	7.03	14.504	0.978
1ST QUARTILE :	47.2	66.00	12.75	3.74	4.65	8.516	0.361
2ND QUARTILE :	51.0	105.57	24.51	5.10	7.34	14.482	1.020
3RD QUARTILE :	61.8	198.80	34.52	10.89	9.28	25.640	2.230
VOL. WGT. MEAN :	.	129.63	23.76	9.19	6.94	21.410	1.627
MISSING VALUES :	0.0	0	0	0	0	0	0

	POTASSIUM MG/M**2	SODIUM MG/M**2	AMMONIUM MG/M**2	PHOSPHOR MG/M**2	MANGANESE MG/M**2	NICKEL MG/M**2	ZINC MG/M**2	IRON MG/M**2
# OF SAMPLES :	13	13	13	13	13	13	13	13
MAXIMUM :	18.250	5.830	54.385	5.037	0.716	0.0357	0.487	4.890
MINIMUM :	0.000	0.255	1.014	0.000	0.051	0.0092	0.083	0.683
ARITH. MEAN :	2.645	3.288	16.616	0.779	0.140	0.0166	0.230	1.648
ARITH. STD. DEV :	4.847	1.862	15.564	1.335	0.176	0.0071	0.185	1.068
GEOM. MEAN :	1.466	2.554	10.608	0.495	0.101	0.0155	0.180	1.447
1ST QUARTILE :	0.635	1.367	6.752	0.147	0.062	0.0112	0.089	1.017
2ND QUARTILE :	1.020	3.620	11.975	0.450	0.093	0.0146	0.174	1.466
3RD QUARTILE :	1.855	5.004	22.487	0.819	0.129	0.0198	0.426	1.984
VOL. WGT. MEAN :	2.645	3.288	16.616	0.779	0.140	0.0166	0.237	1.648
MISSING VALUES :	0	0	0	0	0	0	9	0

	LEAD MG/M**2	VANADIUM MG/M**2	ALUMINUM MG/M**2	COPPER MG/M**2	CADMIUM MG/M**2	ACIDITY GRAN UG/M**2	FREEH+ LAB UG/M**2
# OF SAMPLES :	13	13	13	13	13	13	13.00
MAXIMUM :	0.418	0.0392	3.745	0.4468	0.0036	8320.20	5770.7
MINIMUM :	0.060	0.0066	0.748	0.0269	0.0009	936.44	484.00
ARITH. MEAN :	0.203	0.0218	1.818	0.1239	0.0014	3782.76	2459.2
ARITH. STD. DEV :	0.126	0.0073	1.017	0.1601	0.0008	1757.32	1350.6
GEOM. MEAN :	0.170	0.0205	1.573	0.0758	0.0012	3404.75	2110.1
1ST QUARTILE :	0.095	0.0189	0.849	0.0306	0.0010	2782.25	1600
2ND QUARTILE :	0.190	0.0204	1.857	0.0759	0.0010	3649.05	2331.1
3RD QUARTILE :	0.295	0.0247	2.583	0.1762	0.0014	4167.00	2936
VOL. WGT. MEAN :	0.201	0.0218	1.841	0.1369	0.0014	3782.76	2856.8
MISSING VALUES :	7	0	4	7	0	0	0.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF DEPOSITION
---------- STATION=MCKELLAR MIC TYPE A SITE NO.1 ----------

	EQUIVALENT PREC. DEPTH MM	SULFATE MG/M**2	NITRATE MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2	KJELDAHL MG/M**2	MAGNESIUM MG/M**2
# OF SAMPLES :	11.0	11	11	11	11	11	11
MAXIMUM :	134.0	666.90	102.96	67.86	25.11	180.180	14.040
MINIMUM :	4.0	6.40	3.28	0.52	0.00	1.040	0.000
ARITH. MEAN :	57.7	202.03	38.12	15.51	8.12	39.190	2.872
ARITH. STD. DEV :	43.5	216.15	33.40	19.27	8.25	50.133	4.000
GEOM. MEAN :	38.6	106.13	22.60	7.08	5.43	17.889	1.618
1ST QUARTILE :	21.0	41.00	6.24	3.61	1.50	7.980	0.602
2ND QUARTILE :	60.2	169.65	27.75	11.34	2.61	24.750	1.620
3RD QUARTILE :	81.0	202.80	69.66	21.00	15.05	51.030	3.750
VOL. WGT. MEAN :	.	202.03	38.12	15.51	8.12	39.190	2.872
MISSING VALUES :	0.0	0	0	0	0	0	0

	POTASSIUM MG/M**2	SODIUM MG/M**2	AMMONIUM MG/M**2	PHOSPHOR MG/M**2	MANGANESE MG/M**2	NICKEL MG/M**2	ZINC MG/M**2	IRON MG/M**2
# OF SAMPLES :	11	11	11	11	11	11	11	11
MAXIMUM :	32.760	13.770	157.950	7.488	1.989	0.2697	0.329	6.985
MINIMUM :	0.000	0.525	0.000	0.012	0.008	0.0052	0.060	0.334
ARITH. MEAN :	4.187	3.103	33.694	1.151	0.277	0.0382	0.176	1.989
ARITH. STD. DEV :	9.538	3.876	43.898	2.166	0.573	0.0770	0.119	1.958
GEOM. MEAN :	1.424	1.871	20.788	0.345	0.098	0.0178	0.145	1.403
1ST QUARTILE :	0.315	0.700	7.665	0.130	0.042	0.0105	0.072	0.756
2ND QUARTILE :	1.204	1.500	21.460	0.361	0.120	0.0156	0.157	1.233
3RD QUARTILE :	2.250	4.690	43.335	1.072	0.162	0.0234	0.298	2.414
VOL. WGT. MEAN :	4.187	3.103	33.694	1.151	0.277	0.0382	0.215	1.989
MISSING VALUES :	0	0	0	0	0	0	7	0

	LEAD MG/M**2	VANADIUM MG/M**2	ALUMINUM MG/M**2	COPPER MG/M**2	CADMIUM MG/M**2	ACIDITY GRAN UG/M**2	FREEH+ LAB UG/M**2
# OF SAMPLES :	11	11	11	11	11	11	11.00
MAXIMUM :	0.707	0.0536	4.319	0.2299	0.0187	14338	11146
MINIMUM :	0.020	0.0016	0.245	0.0132	0.0002	288.00	3.24
ARITH. MEAN :	0.293	0.0231	1.756	0.1077	0.0027	5078.63	3604.9
ARITH. STD. DEV :	0.313	0.0174	1.639	0.0789	0.0054	4486.56	3498
GEOM. MEAN :	0.151	0.0154	1.180	0.0786	0.0011	2901.37	1358.1
1ST QUARTILE :	0.050	0.0084	0.624	0.0597	0.0005	1362.40	767.31
2ND QUARTILE :	0.147	0.0241	1.001	0.0771	0.0012	5216.40	3079.5
3RD QUARTILE :	0.683	0.0324	3.681	0.1878	0.0016	6918.60	5243.2
VOL. WGT. MEAN :	0.261	0.0231	1.600	0.1264	0.0027	5078.63	4000.3
MISSING VALUES :	5	0	3	5	0	0	0.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF DEPOSITION
STATION=MERLIN MIC TYPE A SITE NO.1

	EQUIVALENT PREC. DEPTH MM	SULFATE MG/M**2	NITRATE MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2	KJELDAHL MG/M**2	MAGNESIUM MG/M**2
# OF SAMPLES :	13.0	13	13	13	13	13	13
MAXIMUM :	107.0	535.00	83.46	121.68	51.48	341.640	21.060
MINIMUM :	20.0	48.15	13.95	5.58	6.00	4.922	0.620
ARITH. MEAN :	61.2	251.01	38.87	33.24	16.58	65.125	6.149
ARITH. STD. DEV :	34.4	169.98	19.99	30.28	12.74	90.439	5.460
GEOM. MEAN :	51.7	193.32	34.23	23.69	13.21	35.515	4.159
1ST QUARTILE :	27.6	98.57	24.59	11.30	6.87	18.899	2.043
2ND QUARTILE :	50.0	194.54	33.05	29.76	13.95	34.400	6.420
3RD QUARTILE :	98.3	418.72	49.46	43.48	22.73	67.895	8.395
VOL. WGT. MEAN :	.	251.01	38.87	33.24	16.58	65.125	6.149
MISSING VALUES :	0.0	0	0	0	0	0	0

	POTASSIUM MG/M**2	SODIUM MG/M**2	AMMONIUM MG/M**2	PHOSPHOR MG/M**2	MANGANESE MG/M**2	NICKEL MG/M**2	ZINC MG/M**2	IRON MG/M**2
# OF SAMPLES :	13	13	13	13	13	13	13	13
MAXIMUM :	27.612	26.208	134.850	14.973	0.655	0.1498	1.955	7.446
MINIMUM :	0.535	1.605	3.638	0.000	0.031	0.0040	0.049	0.304
ARITH. MEAN :	6.192	5.048	36.825	1.693	0.245	0.0363	0.892	2.204
ARITH. STD. DEV :	8.622	6.639	35.563	4.037	0.180	0.0487	0.820	1.798
GEOM. MEAN :	2.909	3.467	24.817	0.608	0.181	0.0196	0.476	1.695
1ST QUARTILE :	1.107	2.070	15.485	0.091	0.098	0.0091	0.164	0.925
2ND QUARTILE :	2.060	3.090	22.000	0.373	0.214	0.0206	0.782	1.962
3RD QUARTILE :	8.292	3.900	54.105	1.505	0.346	0.0342	1.730	2.342
VOL. WGT. MEAN :	6.192	5.048	36.825	1.693	0.245	0.0363	0.673	2.204
MISSING VALUES :	0	0	0	0	0	0	9	0

	LEAD MG/M**2	VANADIUM MG/M**2	ALUMINUM MG/M**2	COPPER MG/M**2	CADMIUM MG/M**2	ACIDITY GRAN UG/M**2	FREEH+ LAB UG/M**2
# OF SAMPLES :	13	13	13	13	13	13	13.00
MAXIMUM :	1.951	0.0428	6.173	0.2782	0.1295	12305	9107.2
MINIMUM :	0.149	0.0080	1.031	0.0192	0.0004	1052.00	4.58
ARITH. MEAN :	0.595	0.0245	2.731	0.0920	0.0186	4925.44	3198.3
ARITH. STD. DEV :	0.626	0.0138	1.560	0.0820	0.0391	3545.61	2881.7
GEOM. MEAN :	0.411	0.0207	2.374	0.0673	0.0039	3936.29	1490.1
1ST QUARTILE :	0.159	0.0111	1.485	0.0319	0.0010	2589.10	1133.6
2ND QUARTILE :	0.492	0.0200	2.257	0.0764	0.0029	4070.00	2685.2
3RD QUARTILE :	0.636	0.0393	3.982	0.1034	0.0080	7201.55	5032.9
VOL. WGT. MEAN :	0.639	0.0245	2.796	0.0796	0.0186	4925.44	4.58
MISSING VALUES :	6	0	2	5	0	0	0.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF DEPOSITION
STATION=MOONBEAM MIC TYPE A SITE NO.1

	EQUIVALENT PREC. DEPTH MM	SULFATE MG/M**2	NITRATE MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2	KJELDAHL MG/M**2	MAGNESIUM MG/M**2
# OF SAMPLES :	11.0	11	11	11	11	11	11
MAXIMUM :	140.0	161.25	24.19	109.38	17.18	30.000	28.928
MINIMUM :	18.2	23.73	0.00	4.75	0.00	5.404	0.675
ARITH. MEAN :	48.9	86.53	13.79	28.32	5.85	15.416	5.675
ARITH. STD. DEV :	36.5	43.86	6.87	32.67	5.31	7.766	8.505
GEOM. MEAN :	39.3	73.63	14.35	16.91	5.62	13.545	2.713
1ST QUARTILE :	21.6	31.84	10.35	6.50	1.50	8.032	0.975
2ND QUARTILE :	45.0	91.91	12.00	16.50	5.55	15.510	2.100
3RD QUARTILE :	65.0	119.00	20.25	44.40	7.78	21.570	9.102
VOL. WGT. MEAN :	.	86.53	13.79	28.32	5.85	14.630	5.675
MISSING VALUES :	0.0	0	0	0	0	1	0

	POTASSIUM MG/M**2	SODIUM MG/M**2	AMMONIUM MG/M**2	PHOSPHOR MG/M**2	MANGANESE MG/M**2	NICKEL MG/M**2	ZINC MG/M**2	IRON MG/M**2
# OF SAMPLES :	11	11	11	11	11	11	11	11
MAXIMUM :	4.200	10.500	27.000	1.256	0.311	0.0840	0.592	17.033
MINIMUM :	0.225	0.900	0.000	0.000	0.018	0.0090	0.097	0.319
ARITH. MEAN :	1.755	4.467	9.662	0.420	0.132	0.0351	0.240	3.097
ARITH. STD. DEV :	1.371	3.484	7.443	0.464	0.088	0.0296	0.237	5.028
GEOM. MEAN :	1.234	3.302	8.497	0.346	0.102	0.0249	0.176	1.533
1ST QUARTILE :	0.675	1.750	3.996	0.067	0.065	0.0109	0.097	0.704
2ND QUARTILE :	1.475	3.885	9.100	0.252	0.118	0.0200	0.136	1.154
3RD QUARTILE :	2.750	8.009	13.559	0.791	0.203	0.0734	0.487	3.008
VOL. WGT. MEAN :	1.755	4.467	9.662	0.398	0.132	0.0351	0.166	3.807
MISSING VALUES :	0	0	0	1	0	0	7	1

	LEAD MG/M**2	VANADIUM MG/M**2	ALUMINUM MG/M**2	COPPER MG/M**2	CADMIUM MG/M**2	ACIDITY GRAN UG/M**2	FREEH+ LAB UG/M**2
# OF SAMPLES :	11	11	11	11	11	11	11.00
MAXIMUM :	0.570	0.0560	49.516	0.1058	0.0084	4494.00	2055.5
MINIMUM :	0.078	0.0073	0.806	0.0463	0.0004	211.08	0.47
ARITH. MEAN :	0.191	0.0198	10.344	0.0678	0.0019	2065.03	1044
ARITH. STD. DEV :	0.164	0.0145	17.921	0.0229	0.0023	1606.94	873.02
GEOM. MEAN :	0.151	0.0160	3.502	0.0648	0.0011	1259.14	146.91
1ST QUARTILE :	0.085	0.0086	1.303	0.0470	0.0004	341.88	4.97
2ND QUARTILE :	0.135	0.0180	2.097	0.0642	0.0012	2047.50	1160
3RD QUARTILE :	0.231	0.0260	14.394	0.0856	0.0026	3542.50	1803.5
VOL. WGT. MEAN :	0.240	0.0198	16.630	0.0949	0.0019	2065.03	1999.2
MISSING VALUES :	3	0	4	5	0	0	0.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF DEPOSITION
STATION=MOOSONEE MIC TYPE A SITE NO.1

	EQUIVALENT PREC. DEPTH MM	SULFATE MG/M**2	NITRATE MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2	KJELDAHL MG/M**2	MAGNESIUM MG/M**2
# OF SAMPLES :	9.0	9	9	9	9	9	9
MAXIMUM :	110.0	550.00	27.35	69.52	121.00	185.400	17.820
MINIMUM :	20.6	22.66	3.08	3.43	0.00	2.574	0.715
ARITH. MEAN :	54.0	142.00	12.09	19.54	31.69	46.535	4.366
ARITH. STD. DEV :	30.7	171.07	7.73	21.71	40.14	64.338	5.588
GEOM. MEAN :	46.9	87.93	9.94	12.79	21.86	22.103	2.678
1ST QUARTILE :	30.2	38.46	5.80	6.01	6.51	8.575	1.172
2ND QUARTILE :	44.0	86.87	10.36	12.25	16.02	21.300	2.610
3RD QUARTILE :	81.0	149.68	16.72	25.74	49.32	63.800	4.307
VOL. WGT. MEAN :	.	135.06	11.50	18.58	30.15	42.882	4.153
MISSING VALUES :	0.0	1	1	1	1	2	1

	POTASSIUM MG/M**2	SODIUM MG/M**2	AMMONIUM MG/M**2	PHOSPHOR MG/M**2	MANGANESE MG/M**2	NICKEL MG/M**2	ZINC MG/M**2	IRON MG/M**2
# OF SAMPLES :	9	9	9	9	9	9	9	9
MAXIMUM :	32.450	26.400	39.600	0.446	0.213	0.4708	3.233	7.961
MINIMUM :	0.143	2.860	1.144	0.000	0.029	0.0069	0.065	0.484
ARITH. MEAN :	6.521	11.171	15.295	0.179	0.102	0.0984	1.423	2.293
ARITH. STD. DEV :	11.619	9.226	14.225	0.224	0.069	0.1667	1.444	2.860
GEOM. MEAN :	2.012	8.063	9.171	0.415	0.082	0.0382	0.596	1.367
1ST QUARTILE :	0.824	3.708	3.373	0.000	0.044	0.0109	0.096	0.515
2ND QUARTILE :	2.188	5.680	11.695	0.000	0.091	0.0372	1.075	1.341
3RD QUARTILE :	6.390	17.504	27.541	0.440	0.171	0.0880	2.925	3.570
VOL. WGT. MEAN :	6.009	10.294	12.720	0.165	0.089	0.0858	1.248	2.169
MISSING VALUES :	2	2	3	2	2	2	4	3

	LEAD MG/M**2	VANADIUM MG/M**2	ALUMINUM MG/M**2	COPPER MG/M**2	CADMIUM MG/M**2	ACIDITY GRAN UG/M**2	FREEH+ LAB UG/M**2
# OF SAMPLES :	9	9	9	9	9	9	9.00
MAXIMUM :	1.283	0.1628	6.602	2.5140	0.0164	4720.61	2387.7
MINIMUM :	0.101	0.0114	0.327	0.0274	0.0006	0.00	0.23
ARITH. MEAN :	0.514	0.0455	2.666	0.6130	0.0060	2064.72	900.32
ARITH. STD. DEV :	0.503	0.0530	3.429	1.0737	0.0065	1599.53	911.34
GEOM. MEAN :	0.338	0.0307	1.321	0.1529	0.0029	1935.11	188.29
1ST QUARTILE :	0.149	0.0137	0.327	0.0305	0.0007	734.89	44.02
2ND QUARTILE :	0.224	0.0284	1.068	0.0907	0.0022	1746.55	743.14
3RD QUARTILE :	1.025	0.0440	6.602	1.4566	0.0128	3538.12	1815.8
VOL. WGT. MEAN :	0.550	0.0397	4.040	0.5749	0.0053	1963.80	718.40
MISSING VALUES :	4	2	6	4	2	1	1.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF DEPOSITION
STATION=OTTER ISLAND MIC TYPE A SITE NO.1

	EQUIVALENT PREC. DEPTH MM	SULFATE MG/M**2	NITRATE MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2	KJELDAHL MG/M**2	MAGNESIUM MG/M**2
# OF SAMPLES :	7.0	7	7	7	7	7	7
MAXIMUM :	131.0	288.20	49.78	39.30	11.79	56.330	5.240
MINIMUM :	31.0	51.15	9.30	13.02	0.62	16.175	2.223
ARITH. MEAN :	67.1	142.90	22.85	19.85	4.65	27.451	3.231
ARITH. STD. DEV :	32.8	81.08	13.35	9.93	3.78	14.770	1.119
GEOM. MEAN :	60.9	124.14	20.06	18.22	3.25	25.007	3.089
1ST QUARTILE :	37.1	84.11	12.29	13.34	1.18	17.678	2.597
2ND QUARTILE :	64.7	114.85	20.01	15.34	3.88	23.217	2.655
3RD QUARTILE :	74.1	185.85	27.59	27.59	6.67	34.773	4.356
VOL. WGT. MEAN :	.	142.90	22.85	19.85	4.65	25.193	3.231
MISSING VALUES :	0.0	0	0	0	0	1	0

	POTASSIUM MG/M**2	SODIUM MG/M**2	AMMONIUM MG/M**2	PHOSPHOR MG/M**2	MANGANESE MG/M**2	NICKEL MG/M**2	ZINC MG/M**2	IRON MG/M**2
# OF SAMPLES :	7	7	7	7	7	7	7	7
MAXIMUM :	3.275	3.930	55.020	0.393	0.786	0.0655	0.235	4.513
MINIMUM :	0.741	0.726	10.999	0.000	0.074	0.0062	0.111	0.534
ARITH. MEAN :	2.279	2.326	26.136	0.176	0.328	0.0222	0.154	1.678
ARITH. STD. DEV :	1.002	1.214	14.612	0.153	0.261	0.0217	0.056	1.420
GEOM. MEAN :	2.034	2.026	23.141	0.253	0.243	0.0158	0.148	1.293
1ST QUARTILE :	1.298	1.298	16.138	0.000	0.118	0.0074	0.115	0.703
2ND QUARTILE :	2.655	2.223	25.194	0.202	0.218	0.0129	0.135	1.262
3RD QUARTILE :	3.255	3.882	31.270	0.292	0.518	0.0370	0.212	2.560
VOL. WGT. MEAN :	2.279	2.326	26.136	0.161	0.328	0.0222	0.121	1.678
MISSING VALUES :	0	0	0	1	0	0	3	0

	LEAD MG/M**2	VANADIUM MG/M**2	ALUMINUM MG/M**2	COPPER MG/M**2	CADMIUM MG/M**2	ACIDITY GRAN UG/M**2	FREEH+ LAB UG/M**2
# OF SAMPLES :	7	7	7	7	7	7	7.00
MAXIMUM :	0.453	0.0524	5.589	0.1168	0.0026	6248.70	3395.1
MINIMUM :	0.187	0.0148	0.518	0.0222	0.0007	638.60	35.59
ARITH. MEAN :	0.300	0.0277	2.052	0.0664	0.0017	3237.24	1650.6
ARITH. STD. DEV :	0.137	0.0121	2.373	0.0403	0.0006	1821.14	1259.2
GEOM. MEAN :	0.280	0.0258	1.333	0.0562	0.0016	2684.23	921.21
1ST QUARTILE :	0.187	0.0186	0.624	0.0336	0.0013	2125.83	479.63
2ND QUARTILE :	0.259	0.0259	1.050	0.0535	0.0015	3267.81	1478.5
3RD QUARTILE :	0.453	0.0296	4.481	0.1155	0.0024	4295.20	3001
VOL. WGT. MEAN :	0.375	0.0277	2.756	0.0618	0.0017	3237.24	1021.8
MISSING VALUES :	4	0	3	1	0	0	0.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF DEPOSITION
---------- STATION=PALMERSTON MIC TYPE A SITE NO.1 ----------

	EQUIVALENT PREC. DEPTH MM	SULFATE MG/M**2	NITRATE MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2	KJELDAHL MG/M**2	MAGNESIUM MG/M**2
# OF SAMPLES :	13.0	13	13	13	13	13	13
MAXIMUM :	140.0	595.00	68.60	57.40	18.70	81.000	12.150
MINIMUM :	17.0	86.70	12.76	13.23	3.74	21.930	1.275
ARITH. MEAN :	55.3	238.85	38.17	26.38	10.80	44.900	5.439
ARITH. STD. DEV :	34.4	161.51	17.97	14.12	4.58	20.182	3.231
GEOM. MEAN :	46.3	195.74	34.14	23.61	9.87	40.767	4.633
1ST QUARTILE :	27.5	102.32	24.27	16.07	7.18	26.350	3.151
2ND QUARTILE :	45.0	182.95	33.48	23.83	10.26	43.200	4.707
3RD QUARTILE :	75.0	335.06	55.69	28.42	13.56	61.880	6.552
VOL. WGT. MEAN :	.	231.12	36.93	25.53	10.45	40.839	5.263
MISSING VALUES :	0.0	1	1	1	1	2	1

	POTASSIUM MG/M**2	SODIUM MG/M**2	AMMONIUM MG/M**2	PHOSPHOR MG/M**2	MANGANESE MG/M**2	NICKEL MG/M**2	ZINC MG/M**2	IRON MG/M**2
# OF SAMPLES :	13	13	13	13	13	13	13	13
MAXIMUM :	6.300	8.755	78.750	0.855	0.700	0.0444	0.351	4.992
MINIMUM :	0.645	0.990	18.705	0.000	0.080	0.0044	0.199	0.575
ARITH. MEAN :	2.315	3.632	39.329	0.393	0.223	0.0177	0.275	1.439
ARITH. STD. DEV :	1.646	2.622	19.161	0.265	0.189	0.0131	0.108	1.228
GEOM. MEAN :	1.851	2.891	35.496	0.445	0.176	0.0144	0.264	1.189
1ST QUARTILE :	1.029	1.582	23.777	0.255	0.088	0.0090	0.199	0.864
2ND QUARTILE :	2.032	3.187	31.460	0.350	0.156	0.0140	0.275	0.969
3RD QUARTILE :	3.465	4.388	57.692	0.560	0.222	0.0170	0.351	1.438
VOL. WGT. MEAN :	2.240	3.514	38.057	0.357	0.203	0.0161	0.338	1.309
MISSING VALUES :	1	1	1	2	2	2	11	2

	LEAD MG/M**2	VANADIUM MG/M**2	ALUMINUM MG/M**2	COPPER MG/M**2	CADMIUM MG/M**2	ACIDITY GRAN UG/M**2	FREEH+ LAB UG/M**2
# OF SAMPLES :	13	13	13	13	13	13	13.00
MAXIMUM :	3.233	0.0560	10.748	0.1749	0.0160	15400	11645
MINIMUM :	0.096	0.0088	0.825	0.0212	0.0004	882.20	32.39
ARITH. MEAN :	1.061	0.0251	3.420	0.0601	0.0035	4889.11	3094.6
ARITH. STD. DEV :	1.150	0.0132	3.615	0.0644	0.0049	4078.64	3365.2
GEOM. MEAN :	0.555	0.0221	2.239	0.0435	0.0019	3674.69	1404.8
1ST QUARTILE :	0.155	0.0140	0.885	0.0270	0.0008	1990.65	600.29
2ND QUARTILE :	0.669	0.0258	1.969	0.0342	0.0016	4329.85	2342.1
3RD QUARTILE :	1.829	0.0320	5.427	0.1062	0.0028	5517.00	3597.5
VOL. WGT. MEAN :	0.981	0.0228	3.890	0.0788	0.0032	4730.91	2288.5
MISSING VALUES :	6	2	6	8	2	1	1.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF DEPOSITION
STATION=PICKLE LAKE MIC TYPE A SITE NO.1

	EQUIVALENT PREC. DEPTH MM	SULFATE MG/M**2	NITRATE MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2	KJELDAHL MG/M**2	MAGNESIUM MG/M**2
# OF SAMPLES :	13.0	13	13	13	13	13	13
MAXIMUM :	92.4	66.68	14.22	16.25	8.60	20.750	3.366
MINIMUM :	12.5	15.95	2.61	1.62	0.00	2.310	0.165
ARITH. MEAN :	44.4	35.79	8.08	8.35	2.90	9.850	1.765
ARITH. STD. DEV :	31.3	18.83	3.24	5.99	2.92	6.716	1.343
GEOM. MEAN :	34.4	31.05	7.39	6.04	3.33	7.836	1.151
1ST QUARTILE :	16.6	16.50	5.91	2.51	0.00	4.275	0.497
2ND QUARTILE :	33.0	37.48	8.44	8.39	2.78	8.448	1.865
3RD QUARTILE :	81.6	51.22	9.64	13.89	4.66	15.851	2.957
VOL. WGT. MEAN :	.	30.65	6.92	7.15	2.48	8.436	1.511
MISSING VALUES :	0.0	3	3	3	3	3	3

	POTASSIUM MG/M**2	SODIUM MG/M**2	AMMONIUM MG/M**2	PHOSPHOR MG/M**2	MANGANESE MG/M**2	NICKEL MG/M**2	ZINC MG/M**2	IRON MG/M**2
# OF SAMPLES :	13	13	13	13	13	13	13	13
MAXIMUM :	2.905	7.480	16.447	2.075	0.267	0.0444	0.311	1.327
MINIMUM :	0.000	0.550	0.165	0.101	0.014	0.0027	0.052	0.194
ARITH. MEAN :	1.346	2.815	5.995	0.454	0.118	0.0149	0.132	0.659
ARITH. STD. DEV :	1.043	1.861	5.239	0.588	0.096	0.0126	0.103	0.414
GEOM. MEAN :	1.137	2.330	3.247	0.293	0.080	0.0104	0.108	0.547
1ST QUARTILE :	0.353	1.578	1.678	0.139	0.031	0.0035	0.065	0.311
2ND QUARTILE :	1.310	2.660	5.296	0.287	0.088	0.0158	0.095	0.628
3RD QUARTILE :	2.399	3.269	9.197	0.494	0.234	0.0194	0.217	0.953
VOL. WGT. MEAN :	1.153	2.411	5.134	0.389	0.101	0.0128	0.158	0.695
MISSING VALUES :	3	3	3	3	3	3	8	7

	LEAD MG/M**2	VANADIUM MG/M**2	ALUMINUM MG/M**2	COPPER MG/M**2	CADMIUM MG/M**2	ACIDITY GRAN UG/M**2	FREEH+ LAB UG/M**2
# OF SAMPLES :	13	13	13	13	13	13	13.00
MAXIMUM :	0.681	0.0370	1.400	0.0904	0.0032	2328.48	658.44
MINIMUM :	0.090	0.0054	1.074	0.0157	0.0003	475.60	119.59
ARITH. MEAN :	0.368	0.0207	1.237	0.0458	0.0014	1366.02	339.65
ARITH. STD. DEV :	0.261	0.0129	0.231	0.0302	0.0009	634.94	202.25
GEOM. MEAN :	0.284	0.0165	1.226	0.0381	0.0011	1218.37	283.01
1ST QUARTILE :	0.125	0.0071	1.074	0.0206	0.0006	838.18	144.76
2ND QUARTILE :	0.314	0.0187	1.237	0.0360	0.0014	1307.90	310.76
3RD QUARTILE :	0.637	0.0338	1.400	0.0759	0.0019	1991.38	522.92
VOL. WGT. MEAN :	0.342	0.0177	0.902	0.0365	0.0012	1169.88	658.44
MISSING VALUES :	8	3	11	8	3	3	3.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF DEPOSITION
STATION=PORT STANLEY MIC TYPE A SITE NO.1

	EQUIVALENT PREC. DEPTH MM	SULFATE MG/M**2	NITRATE MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2	KJELDAHL MG/M**2	MAGNESIUM MG/M**2
# OF SAMPLES :	13.0	13	13	13	13	13	13
MAXIMUM :	113.0	589.00	88.35	177.10	29.45	73.150	33.880
MINIMUM :	10.8	74.79	18.84	18.44	5.60	6.371	1.844
ARITH. MEAN :	57.9	276.61	42.83	67.18	13.27	33.283	10.462
ARITH. STD. DEV :	33.7	164.77	19.59	52.27	6.79	19.944	9.684
GEOM. MEAN :	46.8	231.51	39.07	52.39	11.82	27.277	7.210
1ST QUARTILE :	30.3	146.52	27.31	30.78	7.34	16.600	3.777
2ND QUARTILE :	48.0	230.85	40.80	35.42	11.88	32.832	5.130
3RD QUARTILE :	86.0	460.72	55.55	87.85	17.99	47.740	13.700
VOL. WGT. MEAN :	.	276.61	42.83	67.18	13.27	33.283	10.462
MISSING VALUES :	0.0	0	0	0	0	0	0

	POTASSIUM MG/M**2	SODIUM MG/M**2	AMMONIUM MG/M**2	PHOSPHOR MG/M**2	MANGANESE MG/M**2	NICKEL MG/M**2	ZINC MG/M**2	IRON MG/M**2
# OF SAMPLES :	13	13	13	13	13	13	13	13
MAXIMUM :	6.175	11.400	67.450	2.112	0.847	0.0672	0.190	7.209
MINIMUM :	0.554	1.400	5.124	0.000	0.083	0.0066	0.101	1.038
ARITH. MEAN :	2.435	4.237	29.871	0.669	0.328	0.0261	0.144	2.766
ARITH. STD. DEV :	1.493	2.682	19.397	0.680	0.226	0.0179	0.045	1.840
GEOM. MEAN :	2.006	3.617	23.742	0.370	0.266	0.0216	0.138	2.370
1ST QUARTILE :	1.369	2.227	13.975	0.074	0.167	0.0139	0.103	1.729
2ND QUARTILE :	2.450	3.390	23.598	0.452	0.231	0.0205	0.142	2.104
3RD QUARTILE :	2.962	5.395	45.237	1.160	0.477	0.0344	0.186	3.247
VOL. WGT. MEAN :	2.435	4.237	29.871	0.669	0.328	0.0261	0.142	2.766
MISSING VALUES :	0	0	0	0	0	0	9	0

	LEAD MG/M**2	VANADIUM MG/M**2	ALUMINUM MG/M**2	COPPER MG/M**2	CADMIUM MG/M**2	ACIDITY GRAN UG/M**2	FREEH+ LAB UG/M**2
# OF SAMPLES :	13	13	13	13	13	13	13.00
MAXIMUM :	1.423	0.0452	6.107	0.2552	0.2287	11011	9046.7
MINIMUM :	0.071	0.0065	1.287	0.0420	0.0006	186.84	1.06
ARITH. MEAN :	0.571	0.0240	2.856	0.0887	0.0207	4440.43	2849.7
ARITH. STD. DEV :	0.475	0.0128	1.543	0.0828	0.0626	3974.79	3109.4
GEOM. MEAN :	0.376	0.0205	2.547	0.0696	0.0029	2649.59	546.18
1ST QUARTILE :	0.137	0.0121	1.785	0.0431	0.0009	1236.34	196.50
2ND QUARTILE :	0.537	0.0240	2.592	0.0591	0.0019	2956.00	1746.1
3RD QUARTILE :	0.975	0.0344	3.575	0.1189	0.0052	9273.92	5882.2
VOL. WGT. MEAN :	0.565	0.0240	2.964	0.0967	0.0207	4440.43	5262
MISSING VALUES :	4	0	3	7	0	0	0.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF DEPOSITION
STATION=QUETICO CENTRE MIC TYPE A SITE NO.1

	EQUIVALENT PREC. DEPTH MM	SULFATE MG/M**2	NITRATE MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2	KJELDAHL MG/M**2	MAGNESIUM MG/M**2
# OF SAMPLES :	13.0	13	13	13	13	13	13
MAXIMUM :	131.3	118.17	25.62	29.30	6.56	34.160	6.919
MINIMUM :	2.9	10.20	2.12	2.20	0.00	2.240	0.235
ARITH. MEAN :	44.3	53.66	11.83	10.06	2.71	14.364	1.869
ARITH. STD. DEV :	41.4	35.34	7.51	8.25	1.84	10.320	1.904
GEOM. MEAN :	29.1	41.82	9.55	7.29	2.95	10.584	1.180
1ST QUARTILE :	14.9	25.27	5.53	2.94	1.90	5.890	0.456
2ND QUARTILE :	29.8	45.60	8.96	7.68	2.63	13.574	1.440
3RD QUARTILE :	64.0	76.59	18.10	16.39	3.15	20.785	2.513
VOL. WGT. MEAN :	.	53.66	11.83	10.06	2.71	13.326	1.869
MISSING VALUES :	0.0	0	0	0	0	1	0

	POTASSIUM MG/M**2	SODIUM MG/M**2	AMMONIUM MG/M**2	PHOSPHOR MG/M**2	MANGANESE MG/M**2	NICKEL MG/M**2	ZINC MG/M**2	IRON MG/M**2
# OF SAMPLES :	13	13	13	13	13	13	13	13
MAXIMUM :	4.400	5.200	28.060	1.203	0.366	0.0488	0.116	12.195
MINIMUM :	0.000	0.000	0.210	0.000	0.020	0.0028	0.065	0.136
ARITH. MEAN :	1.677	2.280	9.663	0.310	0.120	0.0128	0.096	1.846
ARITH. STD. DEV :	1.598	1.359	8.923	0.333	0.102	0.0135	0.024	3.489
GEOM. MEAN :	0.914	2.195	5.127	0.273	0.087	0.0084	0.094	0.773
1ST QUARTILE :	0.157	1.337	2.326	0.077	0.038	0.0033	0.071	0.402
2ND QUARTILE :	0.894	2.432	9.768	0.224	0.099	0.0073	0.102	0.537
3RD QUARTILE :	3.085	3.240	12.276	0.478	0.150	0.0184	0.116	1.562
VOL. WGT. MEAN :	1.677	2.280	9.663	0.288	0.111	0.0119	0.093	1.825
MISSING VALUES :	0	0	0	1	1	1	9	2

	LEAD MG/M**2	VANADIUM MG/M**2	ALUMINUM MG/M**2	COPPER MG/M**2	CADMIUM MG/M**2	ACIDITY GRAN UG/M**2	FREEH+ LAB UG/M**2
# OF SAMPLES :	13	13	13	13	13	13	13.00
MAXIMUM :	0.584	0.0525	3.871	0.0527	0.0026	3873.35	1633.4
MINIMUM :	0.059	0.0056	0.272	0.0170	0.0003	223.88	11.47
ARITH. MEAN :	0.244	0.0191	1.527	0.0322	0.0010	1594.32	661.36
ARITH. STD. DEV :	0.201	0.0165	1.449	0.0162	0.0008	1134.71	552.38
GEOM. MEAN :	0.179	0.0141	1.041	0.0290	0.0007	1222.36	329.94
1ST QUARTILE :	0.078	0.0067	0.518	0.0180	0.0003	671.96	201.13
2ND QUARTILE :	0.207	0.0124	0.776	0.0269	0.0006	1292.32	551.11
3RD QUARTILE :	0.389	0.0288	2.913	0.0519	0.0014	2543.74	1171.5
VOL. WGT. MEAN :	0.211	0.0177	2.017	0.0281	0.0009	1594.32	266.76
MISSING VALUES :	7	1	8	7	1	0	0.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF DEPOSITION
---------- STATION=SHALLOW LAKE MIC TYPE A SITE NO.1 ----------

	EQUIVALENT PREC. DEPTH MM	SULFATE MG/M**2	NITRATE MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2	KJELDAHL MG/M**2	MAGNESIUM MG/M**2
# OF SAMPLES :	13.0	13	13	13	13	13	13
MAXIMUM :	175.0	700.00	113.88	70.00	21.58	109.182	15.192
MINIMUM :	10.5	16.80	4.41	1.26	1.36	4.320	0.210
ARITH. MEAN :	69.6	254.38	45.27	24.31	10.97	43.169	4.425
ARITH. STD. DEV :	47.1	220.81	32.30	20.68	6.91	33.636	4.185
GEOM. MEAN :	54.9	157.89	33.96	14.27	8.63	29.627	2.550
1ST QUARTILE :	32.9	64.26	23.51	5.61	5.90	17.392	1.202
2ND QUARTILE :	56.5	202.50	33.30	22.04	8.70	40.800	4.060
3RD QUARTILE :	107.7	411.46	63.27	34.83	18.64	64.597	6.171
VOL. WGT. MEAN :	.	254.38	45.27	24.31	10.97	43.169	4.425
MISSING VALUES :	0.0	0	0	0	0	0	0

	POTASSIUM MG/M**2	SODIUM MG/M**2	AMMONIUM MG/M**2	PHOSPHOR MG/M**2	MANGANESE MG/M**2	NICKEL MG/M**2	ZINC MG/M**2	IRON MG/M**2
# OF SAMPLES :	13	13	13	13	13	13	13	13
MAXIMUM :	11.072	11.740	105.660	4.377	0.360	0.2113	0.662	4.125
MINIMUM :	0.000	0.000	2.280	0.042	0.010	0.0021	0.018	0.076
ARITH. MEAN :	2.803	3.403	38.737	0.795	0.169	0.0445	0.264	1.627
ARITH. STD. DEV :	3.387	3.025	33.782	1.173	0.129	0.0621	0.273	1.278
GEOM. MEAN :	1.846	2.664	23.259	0.407	0.112	0.0211	0.142	1.014
1ST QUARTILE :	0.389	1.182	10.646	0.244	0.059	0.0086	0.056	0.670
2ND QUARTILE :	1.230	3.152	34.500	0.290	0.123	0.0246	0.117	1.146
3RD QUARTILE :	5.704	4.637	57.255	0.925	0.292	0.0412	0.546	2.702
VOL. WGT. MEAN :	2.803	3.403	38.737	0.795	0.169	0.0445	0.219	1.627
MISSING VALUES :	0	0	0	0	0	0	8	0

	LEAD MG/M**2	VANADIUM MG/M**2	ALUMINUM MG/M**2	COPPER MG/M**2	CADMIUM MG/M**2	ACIDITY GRAN LAB UG/M**2	FREEH+ UG/M**2
# OF SAMPLES :	13	13	13	13	13	13	13.00
MAXIMUM :	1.220	0.0700	5.259	0.2700	0.0098	15820	10070
MINIMUM :	0.060	0.0042	0.467	0.0192	0.0002	581.70	251.88
ARITH. MEAN :	0.334	0.0290	2.345	0.0999	0.0021	6183.89	4279.8
ARITH. STD. DEV :	0.389	0.0188	1.540	0.0966	0.0025	4669.06	3397.4
GEOM. MEAN :	0.199	0.0229	1.837	0.0676	0.0013	4495.89	2898.5
1ST QUARTILE :	0.070	0.0132	1.018	0.0319	0.0007	2773.54	1781.7
2ND QUARTILE :	0.191	0.0232	1.847	0.0576	0.0012	4704.36	2549.9
3RD QUARTILE :	0.432	0.0431	3.437	0.1756	0.0024	9262.10	7429.3
VOL. WGT. MEAN :	0.315	0.0290	2.155	0.0821	0.0021	6183.89	2549.9
MISSING VALUES :	5	0	4	4	0	0	0.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF DEPOSITION
---------- STATION=SMITHS FALLS MIC TYPE A SITE NO.1 ----------

	EQUIVALENT PREC. DEPTH MM	SULFATE MG/M**2	NITRATE MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2	KJELDAHL MG/M**2	MAGNESIUM MG/M**2
# OF SAMPLES :	13.0	13	13	13	13	13	13
MAXIMUM :	149.0	386.40	67.08	38.48	22.44	48.360	10.270
MINIMUM :	18.0	31.35	6.48	3.96	2.16	5.400	0.495
ARITH. MEAN :	67.0	170.40	35.13	18.67	11.96	25.166	4.396
ARITH. STD. DEV :	40.1	113.79	18.46	11.94	5.88	14.397	3.251
GEOM. MEAN :	57.1	132.59	29.17	14.60	10.35	20.737	3.112
1ST QUARTILE :	36.0	68.55	18.10	7.00	7.17	14.030	1.412
2ND QUARTILE :	58.0	151.55	38.02	20.75	11.44	23.445	3.424
3RD QUARTILE :	85.5	268.85	48.49	30.45	15.15	38.550	6.941
VOL. WGT. MEAN :	.	187.69	38.70	20.57	13.18	27.720	4.842
MISSING VALUES :	0.0	1	1	1	1	1	1

	POTASSIUM MG/M**2	SODIUM MG/M**2	AMMONIUM MG/M**2	PHOSPHOR MG/M**2	MANGANESE MG/M**2	NICKEL MG/M**2	ZINC MG/M**2	IRON MG/M**2
# OF SAMPLES :	13	13	13	13	13	13	13	13
MAXIMUM :	5.925	12.410	43.680	1.768	0.322	0.0552	0.482	2.833
MINIMUM :	0.090	0.360	2.805	0.000	0.033	0.0066	0.354	0.249
ARITH. MEAN :	1.427	4.620	19.571	0.414	0.134	0.0171	0.418	1.127
ARITH. STD. DEV :	1.680	3.367	14.136	0.487	0.089	0.0143	0.091	0.687
GEOM. MEAN :	0.768	3.278	14.151	0.331	0.111	0.0137	0.413	0.948
1ST QUARTILE :	0.300	1.751	6.857	0.073	0.079	0.0076	0.354	0.741
2ND QUARTILE :	0.812	4.315	17.130	0.347	0.114	0.0129	0.418	1.028
3RD QUARTILE :	2.235	6.365	31.792	0.532	0.149	0.0176	0.482	1.454
VOL. WGT. MEAN :	1.572	5.089	21.558	0.456	0.149	0.0191	0.683	1.255
MISSING VALUES :	1	1	1	1	2	2	11	2

	LEAD MG/M**2	VANADIUM MG/M**2	ALUMINUM MG/M**2	COPPER MG/M**2	CADMIUM MG/M**2	ACIDITY GRAN UG/M**2	FREEH+ LAB UG/M**2
# OF SAMPLES :	13	13	13	13	13	13	13.00
MAXIMUM :	0.943	0.0596	2.218	0.0641	0.0118	9126.40	5748.6
MINIMUM :	0.079	0.0072	0.429	0.0249	0.0007	1060.20	507.31
ARITH. MEAN :	0.410	0.0250	1.059	0.0398	0.0027	4728.54	3091
ARITH. STD. DEV :	0.272	0.0142	0.675	0.0151	0.0033	2366.74	1606.7
GEOM. MEAN :	0.319	0.0218	0.891	0.0376	0.0017	4056.45	2557.9
1ST QUARTILE :	0.162	0.0152	0.538	0.0253	0.0007	3387.05	2167.5
2ND QUARTILE :	0.388	0.0232	0.655	0.0373	0.0013	4592.80	2923.6
3RD QUARTILE :	0.528	0.0316	1.754	0.0534	0.0030	5844.85	4341
VOL. WGT. MEAN :	0.431	0.0278	1.083	0.0447	0.0030	5208.45	3043.9
MISSING VALUES :	5	2	4	7	2	1	1.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF DEPOSITION
STATION=SUTTON MIC TYPE A SITE NO.1

	EQUIVALENT PREC. DEPTH MM	SULFATE MG/M**2	NITRATE MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2	KJELDAHL MG/M**2	MAGNESIUM MG/M**2
# OF SAMPLES :	13.0	13	13	13	13	13	13
MAXIMUM :	157.0	507.37	50.00	35.42	43.05	391.545	6.560
MINIMUM :	4.1	18.65	4.35	0.57	1.56	3.116	0.102
ARITH. MEAN :	67.2	164.64	28.11	12.84	12.15	51.595	1.668
ARITH. STD. DEV :	42.0	134.68	16.04	10.32	11.31	107.974	1.791
GEOM. MEAN :	51.1	118.56	21.94	8.63	8.43	20.198	0.969
1ST QUARTILE :	34.4	61.40	10.00	4.21	4.46	9.005	0.395
2ND QUARTILE :	69.3	134.90	27.72	11.20	7.81	21.585	0.710
3RD QUARTILE :	96.7	231.63	41.60	18.64	16.79	37.610	2.541
VOL. WGT. MEAN :	.	164.64	28.11	12.84	12.15	53.959	1.668
MISSING VALUES :	0.0	0	0	0	0	1	0

	POTASSIUM MG/M**2	SODIUM MG/M**2	AMMONIUM MG/M**2	PHOSPHOR MG/M**2	MANGANESE MG/M**2	NICKEL MG/M**2	ZINC MG/M**2	IRON MG/M**2
# OF SAMPLES :	13	13	13	13	13	13	13	13
MAXIMUM :	28.413	23.062	221.760	19.750	0.951	0.0512	1.243	5.489
MINIMUM :	0.000	0.000	1.681	0.000	0.016	0.0016	0.097	0.175
ARITH. MEAN :	3.951	4.455	32.802	2.031	0.252	0.0192	0.385	1.290
ARITH. STD. DEV :	7.962	5.920	60.401	5.611	0.243	0.0143	0.432	1.421
GEOM. MEAN :	1.315	3.032	14.142	0.467	0.160	0.0139	0.259	0.869
1ST QUARTILE :	0.232	1.266	8.046	0.077	0.074	0.0074	0.115	0.590
2ND QUARTILE :	1.112	2.952	15.790	0.272	0.273	0.0160	0.248	0.807
3RD QUARTILE :	4.654	5.275	27.707	0.551	0.317	0.0299	0.575	1.585
VOL. WGT. MEAN :	4.132	4.455	34.305	2.124	0.252	0.0192	0.371	1.266
MISSING VALUES :	1	0	1	1	0	0	7	1

	LEAD MG/M**2	VANADIUM MG/M**2	ALUMINUM MG/M**2	COPPER MG/M**2	CADMIUM MG/M**2	ACIDITY GRAN UG/M**2	FREEH+ LAB UG/M**2
# OF SAMPLES :	13	13	13	13	13	13	13.00
MAXIMUM :	1.604	0.2355	8.884	0.3124	0.0241	8417.76	5693.5
MINIMUM :	0.290	0.0045	0.608	0.0157	0.0001	656.00	3.10
ARITH. MEAN :	0.695	0.0442	2.273	0.0967	0.0037	4208.27	2266.1
ARITH. STD. DEV :	0.567	0.0596	2.936	0.0884	0.0063	2492.34	1752.5
GEOM. MEAN :	0.545	0.0279	1.498	0.0696	0.0018	3430.83	823.29
1ST QUARTILE :	0.303	0.0148	0.967	0.0368	0.0009	2051.50	868.00
2ND QUARTILE :	0.365	0.0277	1.130	0.0731	0.0018	4032.00	2162.6
3RD QUARTILE :	1.251	0.0432	1.640	0.1158	0.0033	6272.76	3509.8
VOL. WGT. MEAN :	0.570	0.0442	1.654	0.0819	0.0037	4208.27	3774.3
MISSING VALUES :	8	0	6	4	0	0	0.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF DEPOSITION
STATION=TURKEY LAKES MIC TYPE A SITE NO.1

	EQUIVALENT PREC. DEPTH MM	SULFATE MG/M**2	NITRATE MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2	KJELDAHL MG/M**2	MAGNESIUM MG/M**2
# OF SAMPLES :	13.0	13	13	13	13	13	13
MAXIMUM :	175.0	332.50	53.91	27.60	22.34	63.000	4.368
MINIMUM :	17.3	22.49	5.71	1.04	0.00	2.768	0.173
ARITH. MEAN :	74.5	139.83	29.16	14.08	5.97	27.404	1.980
ARITH. STD. DEV :	45.9	86.23	13.63	8.29	6.22	16.736	1.323
GEOM. MEAN :	62.5	113.67	25.59	11.00	7.34	21.890	1.505
1ST QUARTILE :	40.9	75.78	21.19	8.61	0.00	17.040	1.022
2ND QUARTILE :	67.2	117.60	24.96	13.02	5.60	28.728	1.413
3RD QUARTILE :	99.7	177.27	40.54	21.92	8.27	30.972	2.865
VOL. WGT. MEAN :	.	139.83	29.16	14.08	5.97	27.404	1.980
MISSING VALUES :	0.0	0	0	0	0	0	0

	POTASSIUM MG/M**2	SODIUM MG/M**2	AMMONIUM MG/M**2	PHOSPHOR MG/M**2	MANGANESE MG/M**2	NICKEL MG/M**2	ZINC MG/M**2	IRON MG/M**2
# OF SAMPLES :	13	13	13	13	13	13	13	13
MAXIMUM :	17.220	7.380	59.500	1.050	3.936	0.0350	0.761	6.134
MINIMUM :	0.000	1.380	1.384	0.000	0.017	0.0035	0.073	0.203
ARITH. MEAN :	2.510	3.176	23.918	0.286	0.467	0.0191	0.237	1.413
ARITH. STD. DEV :	4.578	1.925	16.781	0.270	1.048	0.0101	0.245	1.517
GEOM. MEAN :	1.631	2.729	17.885	0.273	0.175	0.0160	0.169	1.022
1ST QUARTILE :	0.081	1.715	11.640	0.102	0.102	0.0109	0.089	0.714
2ND QUARTILE :	1.177	2.590	21.126	0.277	0.175	0.0186	0.142	1.047
3RD QUARTILE :	2.461	4.667	28.393	0.380	0.302	0.0286	0.312	1.397
VOL. WGT. MEAN :	2.510	3.176	23.918	0.286	0.467	0.0191	0.220	1.413
MISSING VALUES :	0	0	0	0	0	0	6	0

	LEAD MG/M**2	VANADIUM MG/M**2	ALUMINUM MG/M**2	COPPER MG/M**2	CADMIUM MG/M**2	ACIDITY GRAN UG/M**2	FREEH+ LAB UG/M**2
# OF SAMPLES :	13	13	13	13	13	13	13.00
MAXIMUM :	0.628	0.0700	3.201	0.2415	0.0210	7805.00	4451.3
MINIMUM :	0.073	0.0069	0.710	0.0190	0.0003	1015.51	471.86
ARITH. MEAN :	0.297	0.0298	1.484	0.0865	0.0030	3901.27	2266.6
ARITH. STD. DEV :	0.234	0.0183	0.823	0.0896	0.0055	2285.53	1564.6
GEOM. MEAN :	0.214	0.0250	1.331	0.0595	0.0016	3301.36	1744.8
1ST QUARTILE :	0.090	0.0164	0.863	0.0288	0.0009	2149.82	940.57
2ND QUARTILE :	0.237	0.0269	1.448	0.0514	0.0013	2704.00	1534.6
3RD QUARTILE :	0.559	0.0399	1.566	0.1617	0.0025	6265.69	4218.9
VOL. WGT. MEAN :	0.257	0.0298	1.296	0.1064	0.0030	3901.27	4202
MISSING VALUES :	5	0	6	8	0	0	0.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF DEPOSITION
---------- STATION=UXBRIDGE MIC TYPE A SITE NO.1 ----------

	EQUIVALENT PREC. DEPTH MM	SULFATE MG/M**2	NITRATE MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2	KJELDAHL MG/M**2	MAGNESIUM MG/M**2
# OF SAMPLES :	11.0	11	11	11	11	11	11
MAXIMUM :	182.0	527.80	91.00	84.48	42.90	272.250	14.025
MINIMUM :	23.0	35.49	7.64	4.37	0.00	6.279	0.546
ARITH. MEAN :	62.5	234.03	35.27	41.99	14.43	67.093	5.424
ARITH. STD. DEV :	46.4	170.03	27.12	25.99	11.31	81.742	4.422
GEOM. MEAN :	51.1	174.88	26.92	31.79	13.21	34.334	3.648
1ST QUARTILE :	28.9	87.40	14.49	23.54	7.56	11.184	1.417
2ND QUARTILE :	53.5	208.05	29.20	47.74	14.40	37.188	4.695
3RD QUARTILE :	77.0	369.60	46.97	61.88	18.20	93.435	9.100
VOL. WGT. MEAN :	.	234.03	35.27	41.99	14.43	66.138	5.424
MISSING VALUES :	0.0	0	0	0	0	1	0

	POTASSIUM MG/M**2	SODIUM MG/M**2	AMMONIUM MG/M**2	PHOSPHOR MG/M**2	MANGANESE MG/M**2	NICKEL MG/M**2	ZINC MG/M**2	IRON MG/M**2
# OF SAMPLES :	11	11	11	11	11	11	11	11
MAXIMUM :	9.855	58.740	100.800	6.862	0.576	0.1387	3.121	8.973
MINIMUM :	0.000	1.260	3.477	0.055	0.027	0.0055	0.037	0.233
ARITH. MEAN :	2.999	9.027	31.445	1.352	0.248	0.0416	0.988	2.485
ARITH. STD. DEV :	3.568	16.690	33.376	2.226	0.198	0.0443	1.432	2.695
GEOM. MEAN :	1.895	4.275	18.159	0.442	0.171	0.0260	0.366	1.531
1ST QUARTILE :	0.476	1.380	6.362	0.128	0.085	0.0126	0.117	0.694
2ND QUARTILE :	1.600	4.550	18.896	0.308	0.206	0.0193	0.397	1.546
3RD QUARTILE :	4.590	5.082	46.894	2.030	0.410	0.0679	2.450	3.378
VOL. WGT. MEAN :	2.864	9.027	30.027	1.265	0.245	0.0410	1.464	2.325
MISSING VALUES :	1	0	1	2	1	1	7	2

	LEAD MG/M**2	VANADIUM MG/M**2	ALUMINUM MG/M**2	COPPER MG/M**2	CADMIUM MG/M**2	ACIDITY GRAN UG/M**2	FREEH+ LAB UG/M**2
# OF SAMPLES :	11	11	11	11	11	11	11.00
MAXIMUM :	0.777	0.0728	21.379	0.5450	0.0265	12012	9774
MINIMUM :	0.182	0.0092	0.184	0.0261	0.0005	920.00	0.77
ARITH. MEAN :	0.504	0.0260	4.203	0.1833	0.0049	3907.56	2410.8
ARITH. STD. DEV :	0.218	0.0192	6.442	0.1754	0.0081	3544.83	2976.7
GEOM. MEAN :	0.454	0.0212	1.868	0.1220	0.0020	2759.08	723.33
1ST QUARTILE :	0.285	0.0114	0.759	0.0399	0.0006	1299.48	364.53
2ND QUARTILE :	0.595	0.0224	1.803	0.1477	0.0015	2951.55	1578.9
3RD QUARTILE :	0.660	0.0327	4.854	0.2427	0.0063	7075.20	4594.8
VOL. WGT. MEAN :	0.441	0.0257	4.143	0.1468	0.0048	3907.56	1578.9
MISSING VALUES :	3	1	1	4	1	0	0.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF DEPOSITION
STATION=WATERLOO MIC TYPE A SITE NO.1

	EQUIVALENT PREC. DEPTH MM	SULFATE MG/M**2	NITRATE MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2	KJELDAHL MG/M**2	MAGNESIUM MG/M**2
# OF SAMPLES :	13.0	13	13	13	13	13	13
MAXIMUM :	186.0	934.50	103.24	117.48	48.93	147.737	17.800
MINIMUM :	18.8	47.00	11.35	3.70	4.40	7.920	1.034
ARITH. MEAN :	74.5	265.25	38.57	38.79	14.01	48.029	6.844
ARITH. STD. DEV :	57.2	283.95	28.59	37.23	12.81	46.543	6.327
GEOM. MEAN :	57.0	169.63	30.69	24.41	10.58	31.241	4.400
1ST QUARTILE :	27.2	81.05	15.74	10.97	5.59	12.487	1.726
2ND QUARTILE :	52.1	147.37	30.37	24.36	9.68	26.250	4.530
3RD QUARTILE :	108.5	328.48	51.52	65.32	16.82	80.655	13.644
VOL. WGT. MEAN :	.	303.01	44.06	44.32	16.01	54.866	7.818
MISSING VALUES :	0.0	1	1	1	1	1	1

	POTASSIUM MG/M**2	SODIUM MG/M**2	AMMONIUM MG/M**2	PHOSPHOR MG/M**2	MANGANESE MG/M**2	NICKEL MG/M**2	ZINC MG/M**2	IRON MG/M**2
# OF SAMPLES :	13	13	13	13	13	13	13	13
MAXIMUM :	17.408	27.759	112.140	1.424	0.780	0.1223	0.983	5.693
MINIMUM :	0.000	1.320	5.280	0.000	0.026	0.0038	0.102	0.617
ARITH. MEAN :	2.948	5.208	35.043	0.406	0.283	0.0260	0.460	2.354
ARITH. STD. DEV :	4.730	7.343	32.772	0.372	0.265	0.0321	0.463	1.547
GEOM. MEAN :	1.605	3.242	23.805	0.348	0.178	0.0168	0.309	1.943
1ST QUARTILE :	0.548	1.471	10.331	0.189	0.077	0.0105	0.102	1.178
2ND QUARTILE :	1.600	3.069	24.074	0.271	0.161	0.0162	0.294	1.838
3RD QUARTILE :	3.435	5.112	52.520	0.532	0.516	0.0328	0.983	3.492
VOL. WGT. MEAN :	3.367	5.949	40.032	0.464	0.323	0.0297	0.471	2.689
MISSING VALUES :	1	1	1	1	1	1	10	1

	LEAD MG/M**2	VANADIUM MG/M**2	ALUMINUM MG/M**2	COPPER MG/M**2	CADMIUM MG/M**2	ACIDITY GRAN UG/M**2	FREEH+ LAB UG/M**2
# OF SAMPLES :	13	13	13	13	13	13	13.00
MAXIMUM :	1.227	0.0712	7.434	0.6126	0.0074	17461.8	11746
MINIMUM :	0.050	0.0075	0.451	0.0205	0.0006	1374.80	37.46
ARITH. MEAN :	0.388	0.0261	2.927	0.1081	0.0030	5186.07	3307.3
ARITH. STD. DEV :	0.421	0.0193	2.533	0.1799	0.0021	5574.28	4041.8
GEOM. MEAN :	0.231	0.0206	1.992	0.0567	0.0023	3525.74	1604.2
1ST QUARTILE :	0.084	0.0107	0.812	0.0229	0.0013	1893.28	1052.6
2ND QUARTILE :	0.249	0.0184	1.886	0.0512	0.0028	2783.35	1607.2
3RD QUARTILE :	0.703	0.0374	5.757	0.0904	0.0037	6232.18	4015.2
VOL. WGT. MEAN :	0.496	0.0298	3.140	0.1374	0.0034	5924.32	37.46
MISSING VALUES :	5	1	2	3	1	1	1.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF DEPOSITION
STATION=WHITNEY MIC TYPE A SITE NO.1

	EQUIVALENT PREC. DEPTH MM	SULFATE MG/M**2	NITRATE MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2	KJELDAHL MG/M**2	MAGNESIUM MG/M**2
# OF SAMPLES :	11.0	11	11	11	11	11	11
MAXIMUM :	101.0	378.75	55.08	19.76	8.36	214.120	2.860
MINIMUM :	12.5	28.50	12.73	3.04	0.81	5.890	0.285
ARITH. MEAN :	58.4	151.89	31.02	11.42	5.06	38.124	1.524
ARITH. STD. DEV :	31.5	111.29	12.66	7.45	2.51	66.406	1.138
GEOM. MEAN :	48.4	114.04	28.67	8.72	4.15	19.392	1.027
1ST QUARTILE :	26.0	59.97	21.97	3.42	2.96	9.870	0.350
2ND QUARTILE :	62.0	115.70	28.90	14.08	6.06	18.858	2.025
3RD QUARTILE :	85.0	219.12	39.69	18.07	6.81	25.775	2.609
VOL. WGT. MEAN :	.	145.98	29.82	10.98	4.86	36.640	1.464
MISSING VALUES :	0.0	2	2	2	2	2	2

	POTASSIUM MG/M**2	SODIUM MG/M**2	AMMONIUM MG/M**2	PHOSPHOR MG/M**2	MANGANESE MG/M**2	NICKEL MG/M**2	ZINC MG/M**2	IRON MG/M**2
# OF SAMPLES :	11	11	11	11	11	11	11	11
MAXIMUM :	15.150	4.250	156.550	12.726	0.303	0.0220	0.707	1.610
MINIMUM :	0.000	1.170	3.040	0.000	0.026	0.0038	0.104	0.408
ARITH. MEAN :	2.641	2.280	30.048	1.608	0.090	0.0136	0.252	0.919
ARITH. STD. DEV :	4.761	0.887	48.082	4.170	0.083	0.0066	0.226	0.449
GEOM. MEAN :	1.288	2.145	15.631	0.400	0.070	0.0117	0.201	0.820
1ST QUARTILE :	0.250	1.668	7.615	0.188	0.038	0.0065	0.124	0.508
2ND QUARTILE :	1.320	2.145	16.280	0.255	0.081	0.0162	0.180	0.859
3RD QUARTILE :	2.162	2.657	24.972	0.298	0.089	0.0191	0.334	1.289
VOL. WGT. MEAN :	2.538	2.191	28.879	1.545	0.087	0.0131	0.252	0.962
MISSING VALUES :	2	2	2	2	2	2	5	3

	LEAD MG/M**2	VANADIUM MG/M**2	ALUMINUM MG/M**2	COPPER MG/M**2	CADMIUM MG/M**2	ACIDITY GRAN UG/M**2	FREEH+ LAB UG/M**2
# OF SAMPLES :	11	11	11	11	11	11	11.00
MAXIMUM :	1.368	0.0606	3.154	0.0548	0.0156	7084.00	5169.5
MINIMUM :	0.061	0.0076	0.655	0.0192	0.0009	1556.10	85.96
ARITH. MEAN :	0.549	0.0280	1.420	0.0419	0.0045	4158.55	2493.3
ARITH. STD. DEV :	0.512	0.0154	0.782	0.0165	0.0059	2131.80	1684.8
GEOM. MEAN :	0.348	0.0243	1.277	0.0387	0.0024	3632.72	1675
1ST QUARTILE :	0.134	0.0166	0.974	0.0243	0.0011	2173.60	1193.8
2ND QUARTILE :	0.446	0.0248	1.187	0.0512	0.0017	4564.50	2567
3RD QUARTILE :	1.015	0.0350	1.720	0.0547	0.0082	6298.32	3923.6
VOL. WGT. MEAN :	0.538	0.0269	1.369	0.0480	0.0043	3996.70	2900
MISSING VALUES :	6	2	3	6	2	2	2.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF DEPOSITION
---------- STATION=WILBERFORCE MIC TYPE A SITE NO.1 ----------

	EQUIVALENT PREC. DEPTH MM	SULFATE MG/M**2	NITRATE MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2	KJELDAHL MG/M**2	MAGNESIUM MG/M**2
# OF SAMPLES :	13.0	13	13	13	13	13	13
MAXIMUM :	124.0	551.95	71.89	43.92	20.40	62.220	6.100
MINIMUM :	18.0	18.00	5.22	0.72	2.50	1.800	0.090
ARITH. MEAN :	69.4	193.83	38.36	15.35	9.68	25.947	2.053
ARITH. STD. DEV :	38.4	151.56	22.01	12.45	6.07	17.088	1.839
GEOM. MEAN :	58.1	138.26	30.87	10.20	7.70	19.159	1.275
1ST QUARTILE :	34.0	88.17	15.87	6.87	3.85	12.545	0.830
2ND QUARTILE :	60.0	186.00	40.80	12.74	12.20	28.090	1.200
3RD QUARTILE :	105.5	226.30	57.66	22.03	14.49	32.200	2.890
VOL. WGT. MEAN :	.	193.83	38.36	15.35	9.68	25.947	2.053
MISSING VALUES :	0.0	0	0	0	0	0	0

	POTASSIUM MG/M**2	SODIUM MG/M**2	AMMONIUM MG/M**2	PHOSPHOR MG/M**2	MANGANESE MG/M**2	NICKEL MG/M**2	ZINC MG/M**2	IRON MG/M**2
# OF SAMPLES :	13	13	13	13	13	13	13	13
MAXIMUM :	3.050	9.920	57.950	0.636	0.488	0.1240	0.272	3.232
MINIMUM :	0.000	0.250	0.090	0.000	0.018	0.0050	0.138	0.125
ARITH. MEAN :	1.381	3.209	23.893	0.277	0.161	0.0271	0.188	1.442
ARITH. STD. DEV :	1.059	2.586	16.924	0.228	0.150	0.0323	0.058	0.986
GEOM. MEAN :	1.055	2.312	14.014	0.314	0.105	0.0170	0.182	1.014
1ST QUARTILE :	0.435	1.510	9.790	0.069	0.046	0.0077	0.145	0.522
2ND QUARTILE :	1.365	2.490	23.850	0.215	0.120	0.0120	0.170	1.539
3RD QUARTILE :	2.175	4.652	30.992	0.490	0.211	0.0348	0.248	2.129
VOL. WGT. MEAN :	1.381	3.209	23.893	0.277	0.161	0.0271	0.132	1.442
MISSING VALUES :	0	0	0	0	0	0	9	0

	LEAD MG/M**2	VANADIUM MG/M**2	ALUMINUM MG/M**2	COPPER MG/M**2	CADMIUM MG/M**2	ACIDITY GRAN UG/M**2	FREEH+ LAB UG/M**2
# OF SAMPLES :	13	13	13	13	13	13	13.00
MAXIMUM :	2.948	0.0496	11.227	0.0951	0.0058	14193	11997
MINIMUM :	0.164	0.0072	0.644	0.0165	0.0004	1033.20	668.76
ARITH. MEAN :	0.743	0.0282	2.899	0.0597	0.0021	5759.86	4041.2
ARITH. STD. DEV :	0.934	0.0153	3.203	0.0267	0.0018	3726.68	3070.8
GEOM. MEAN :	0.463	0.0237	1.979	0.0531	0.0015	4611.84	3127.3
1ST QUARTILE :	0.196	0.0136	1.089	0.0431	0.0007	2912.80	1987.6
2ND QUARTILE :	0.432	0.0300	1.597	0.0560	0.0018	5178.00	3304
3RD QUARTILE :	0.903	0.0422	3.403	0.0853	0.0025	8044.20	5520.5
VOL. WGT. MEAN :	0.589	0.0282	2.575	0.0530	0.0021	5759.86	3304
MISSING VALUES :	5	0	2	5	0	0	0.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF DEPOSITION
---------- STATION=WILKESPORT MIC TYPE A SITE NO.1 ----------

	EQUIVALENT PREC. DEPTH MM	SULFATE MG/M**2	NITRATE MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2	KJELDAHL MG/M**2	MAGNESIUM MG/M**2
# OF SAMPLES :	13.0	13	13	13	13	13	13
MAXIMUM :	107.0	850.65	117.70	79.18	115.80	107.000	13.910
MINIMUM :	5.4	37.26	11.88	11.55	6.25	6.318	1.805
ARITH. MEAN :	56.1	314.48	46.20	43.03	27.57	44.444	7.821
ARITH. STD. DEV :	33.4	244.94	30.19	22.09	31.76	33.977	3.702
GEOM. MEAN :	44.0	221.59	38.13	37.43	18.44	30.838	6.864
1ST QUARTILE :	26.5	93.86	23.80	24.50	7.56	14.330	4.644
2ND QUARTILE :	60.0	279.40	41.80	36.00	15.18	46.008	7.350
3RD QUARTILE :	91.1	499.80	67.90	60.14	33.17	71.285	10.800
VOL. WGT. MEAN :	.	311.19	45.72	42.59	27.29	44.556	7.739
MISSING VALUES :	0.0	2	2	2	2	4	2

	POTASSIUM MG/M**2	SODIUM MG/M**2	AMMONIUM MG/M**2	PHOSPHOR MG/M**2	MANGANESE MG/M**2	NICKEL MG/M**2	ZINC MG/M**2	IRON MG/M**2
# OF SAMPLES :	13	13	13	13	13	13	13	13
MAXIMUM :	13.632	28.968	87.740	2.816	0.535	0.0902	1.442	4.412
MINIMUM :	0.243	1.750	5.130	0.032	0.060	0.0075	0.246	0.806
ARITH. MEAN :	5.204	6.000	38.270	0.910	0.303	0.0400	0.844	2.304
ARITH. STD. DEV :	4.313	7.711	26.536	1.000	0.169	0.0296	0.846	1.269
GEOM. MEAN :	3.044	4.236	27.571	0.460	0.252	0.0298	0.596	1.968
1ST QUARTILE :	1.479	2.520	14.704	0.174	0.170	0.0153	0.246	1.017
2ND QUARTILE :	4.975	3.745	39.222	0.588	0.256	0.0242	0.844	2.104
3RD QUARTILE :	8.379	5.400	56.177	1.662	0.473	0.0673	1.442	3.428
VOL. WGT. MEAN :	5.180	5.938	38.092	0.912	0.274	0.0362	1.114	2.084
MISSING VALUES :	3	2	3	4	4	4	11	4

	LEAD MG/M**2	VANADIUM MG/M**2	ALUMINUM MG/M**2	COPPER MG/M**2	CADMIUM MG/M**2	ACIDITY GRAN UG/M**2	FREEH+ LAB UG/M**2
# OF SAMPLES :	13	13	13	13	13	13	13.00
MAXIMUM :	1.409	0.0749	5.364	0.5535	0.0412	18083	14105
MINIMUM :	0.064	0.0110	1.450	0.0285	0.0005	93.42	0.35
ARITH. MEAN :	0.429	0.0341	3.158	0.1846	0.0087	5525.06	3806.7
ARITH. STD. DEV :	0.500	0.0206	1.103	0.2099	0.0128	5713.91	4513.9
GEOM. MEAN :	0.234	0.0281	2.987	0.0962	0.0040	2682.20	610.37
1ST QUARTILE :	0.092	0.0118	2.598	0.0311	0.0014	1082.50	465.52
2ND QUARTILE :	0.211	0.0388	2.863	0.0977	0.0058	3192.00	2281.1
3RD QUARTILE :	0.828	0.0427	3.738	0.3620	0.0098	10670	7358.2
VOL. WGT. MEAN :	0.418	0.0309	2.857	0.2235	0.0079	5467.34	.
MISSING VALUES :	5	4	4	7	4	2	2.00

PART VI

SUMMARY STATISTICS OF WET DEPOSITION BY REGION

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF DEPOSITION

REGION=CE

	EQUIVALENT PREC. DEPTH MM	SULFATE MG/M**2	NITRATE MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2	KJELDAHL MG/M**2	MAGNESIUM MG/M**2
# OF SAMPLES :	63.0	63	63	63	63	63	63
MAXIMUM :	182.0	551.95	91.00	84.48	42.90	272.250	14.025
MINIMUM :	17.0	18.00	5.22	0.44	0.00	1.800	0.090
ARITH. MEAN :	62.1	187.64	35.12	21.78	10.32	36.816	2.961
ARITH. STD. DEV :	33.0	125.33	19.55	19.48	7.24	49.689	2.891
GEOM. MEAN :	53.9	143.24	29.43	13.90	8.70	22.109	1.774
1ST QUARTILE :	34.0	87.11	17.73	8.40	4.95	12.600	0.897
2ND QUARTILE :	57.0	176.42	35.71	15.20	9.56	25.800	2.000
3RD QUARTILE :	83.0	257.81	43.35	29.42	14.18	37.500	4.312
VOL. WGT. MEAN :	.	188.27	35.23	21.86	10.35	36.370	2.971
MISSING VALUES :	0.0	1	1	1	1	4	1

	POTASSIUM MG/M**2	SODIUM MG/M**2	AMMONIUM MG/M**2	PHOSPHOR MG/M**2	MANGANESE MG/M**2	NICKEL MG/M**2	ZINC MG/M**2	IRON MG/M**2
# OF SAMPLES :	63	63	63	63	63	63	63	63
MAXIMUM :	131.340	58.740	188.100	32.010	0.793	0.1387	3.121	8.973
MINIMUM :	0.000	0.250	0.000	0.000	0.018	0.0000	0.037	0.125
ARITH. MEAN :	4.103	4.418	26.806	1.089	0.193	0.0226	0.360	1.619
ARITH. STD. DEV :	16.857	7.650	28.993	4.312	0.179	0.0260	0.650	1.464
GEOM. MEAN :	1.337	2.720	16.883	0.348	0.129	0.0158	0.204	1.152
1ST QUARTILE :	0.335	1.500	8.835	0.106	0.078	0.0087	0.131	0.673
2ND QUARTILE :	1.185	2.697	22.488	0.209	0.120	0.0140	0.145	1.122
3RD QUARTILE :	2.172	4.710	32.116	0.540	0.253	0.0249	0.376	2.147
VOL. WGT. MEAN :	4.086	4.433	26.504	1.067	0.194	0.0226	0.321	1.622
MISSING VALUES :	2	1	3	5	2	2	42	6

	LEAD MG/M**2	VANADIUM MG/M**2	ALUMINUM MG/M**2	COPPER MG/M**2	CADMIUM MG/M**2	ACIDITY GRAN UG/M**2	FREEH+ LAB UG/M**2
# OF SAMPLES :	63	63	63	63	63	63	63.00
MAXIMUM :	2.948	0.0728	21.379	0.5450	0.0265	14193	11997
MINIMUM :	0.000	0.0068	0.184	0.0126	0.0000	920.00	0.77
ARITH. MEAN :	0.535	0.0256	2.780	0.0904	0.0026	4700.08	3122.6
ARITH. STD. DEV :	0.547	0.0137	3.672	0.1032	0.0038	2780.92	2305.7
GEOM. MEAN :	0.387	0.0221	1.774	0.0601	0.0017	3862.69	1838.3
1ST QUARTILE :	0.178	0.0142	1.048	0.0374	0.0010	2346.60	1535.4
2ND QUARTILE :	0.380	0.0228	1.696	0.0648	0.0015	4521.85	2789.3
3RD QUARTILE :	0.644	0.0350	2.665	0.0951	0.0027	6576.00	4490.9
VOL. WGT. MEAN :	0.461	0.0256	2.589	0.0830	0.0026	4715.85	2645.5
MISSING VALUES :	29	2	13	32	2	1	1.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF DEPOSITION

REGION=NE

	EQUIVALENT PREC. DEPTH MM	SULFATE MG/M**2	NITRATE MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2	KJELDAHL MG/M**2	MAGNESIUM MG/M**2
# OF SAMPLES :	129.0	129	129	129	129	129	129
MAXIMUM :	175.0	666.90	102.96	109.38	121.00	214.120	28.928
MINIMUM :	4.0	6.40	0.00	0.00	0.00	1.040	0.000
ARITH. MEAN :	53.7	139.06	23.92	14.07	8.16	26.140	2.437
ARITH. STD. DEV :	31.8	117.16	17.00	15.90	12.84	31.923	3.694
GEOM. MEAN :	44.6	97.93	18.86	8.92	5.95	16.220	1.389
1ST QUARTILE :	27.8	58.04	11.21	4.82	2.38	8.954	0.581
2ND QUARTILE :	49.0	113.40	20.12	9.46	5.53	19.070	1.431
3RD QUARTILE :	70.0	183.42	31.73	17.58	8.84	30.060	2.700
VOL. WGT. MEAN :	.	136.89	23.68	13.93	8.08	25.432	2.412
MISSING VALUES :	0.0	6	5	5	5	9	5

	POTASSIUM MG/M**2	SODIUM MG/M**2	AMMONIUM MG/M**2	PHOSPHOR MG/M**2	MANGANESE MG/M**2	NICKEL MG/M**2	ZINC MG/M**2	IRON MG/M**2
# OF SAMPLES :	129	129	129	129	129	129	129	129
MAXIMUM :	32.760	26.400	157.950	12.726	3.936	5.8500	3.233	22.481
MINIMUM :	0.000	0.000	0.000	0.000	0.008	0.0033	0.050	0.095
ARITH. MEAN :	3.033	3.970	19.681	0.753	0.185	0.1805	0.389	1.833
ARITH. STD. DEV :	5.852	4.394	23.595	1.833	0.408	0.6898	0.580	2.831
GEOM. MEAN :	1.466	2.606	11.981	0.371	0.100	0.0230	0.220	1.146
1ST QUARTILE :	0.344	1.400	6.260	0.085	0.055	0.0101	0.097	0.687
2ND QUARTILE :	1.170	2.568	13.091	0.265	0.091	0.0163	0.174	1.048
3RD QUARTILE :	2.458	4.609	25.795	0.547	0.163	0.0301	0.517	1.856
VOL. WGT. MEAN :	2.984	3.924	19.351	0.732	0.181	0.1767	0.345	1.838
MISSING VALUES :	7	6	7	9	7	7	78	12

	LEAD MG/M**2	VANADIUM MG/M**2	ALUMINUM MG/M**2	COPPER MG/M**2	CADMIUM MG/M**2	ACIDITY GRAN UG/M**2	FREEH+ LAB UG/M**2
# OF SAMPLES :	129	129	129	129	129	129	129.00
MAXIMUM :	1.563	0.1628	49.516	29.6409	0.1047	14338	11146
MINIMUM :	0.020	0.0016	0.245	0.0104	0.0002	0.00	0.23
ARITH. MEAN :	0.352	0.0238	2.521	1.0571	0.0069	3593.30	2265.7
ARITH. STD. DEV :	0.351	0.0185	5.639	3.8502	0.0174	2520.60	1933.9
GEOM. MEAN :	0.229	0.0192	1.507	0.1266	0.0019	2745.66	1137.4
1ST QUARTILE :	0.106	0.0115	0.863	0.0403	0.0008	1749.46	834.79
2ND QUARTILE :	0.204	0.0201	1.451	0.0786	0.0013	3427.50	1945.2
3RD QUARTILE :	0.535	0.0300	2.377	0.1903	0.0030	4817.20	3064.6
VOL. WGT. MEAN :	0.352	0.0233	2.584	1.1329	0.0067	3554.92	718.40
MISSING VALUES :	63	7	48	63	7	4	4.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF DEPOSITION

REGION=NW

	EQUIVALENT PREC. DEPTH MM	SULFATE MG/M**2	NITRATE MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2	KJELDAHL MG/M**2	MAGNESIUM MG/M**2
# OF SAMPLES :	97.0	97	97	97	97	97	97
MAXIMUM :	156.9	288.20	49.78	39.30	23.37	73.743	6.919
MINIMUM :	2.0	0.90	0.00	0.24	0.00	0.200	0.000
ARITH. MEAN :	43.6	54.89	11.77	9.18	4.10	15.017	1.569
ARITH. STD. DEV :	35.8	46.12	8.58	7.77	4.29	12.524	1.439
GEOM. MEAN :	30.4	39.54	9.16	6.43	3.58	10.653	1.009
1ST QUARTILE :	16.3	22.13	5.92	3.00	1.40	6.071	0.452
2ND QUARTILE :	29.8	44.74	9.55	6.44	3.36	11.886	1.050
3RD QUARTILE :	63.0	69.47	15.82	13.31	5.12	19.598	2.611
VOL. WGT. MEAN :	.	53.94	11.57	8.93	4.03	13.645	1.527
MISSING VALUES :	0.0	3	3	4	3	12	4

	POTASSIUM MG/M**2	SODIUM MG/M**2	AMMONIUM MG/M**2	PHOSPHOR MG/M**2	MANGANESE MG/M**2	NICKEL MG/M**2	ZINC MG/M**2	IRON MG/M**2
# OF SAMPLES :	97	97	97	97	97	97	97	97
MAXIMUM :	21.966	14.940	61.191	6.210	0.786	0.0784	3.486	12.195
MINIMUM :	0.000	0.000	0.000	0.000	0.002	0.0004	0.031	0.041
ARITH. MEAN :	1.674	2.765	11.044	0.404	0.139	0.0160	0.242	1.071
ARITH. STD. DEV :	2.642	2.225	11.530	0.740	0.152	0.0160	0.582	1.652
GEOM. MEAN :	0.914	2.226	5.546	0.307	0.088	0.0100	0.118	0.669
1ST QUARTILE :	0.233	1.540	2.760	0.150	0.055	0.0047	0.064	0.405
2ND QUARTILE :	0.900	2.264	8.316	0.259	0.092	0.0102	0.097	0.553
3RD QUARTILE :	2.610	3.315	13.802	0.403	0.153	0.0213	0.152	1.201
VOL. WGT. MEAN :	1.629	2.691	10.747	0.367	0.128	0.0148	0.207	1.033
MISSING VALUES :	4	4	4	12	11	11	57	27

	LEAD MG/M**2	VANADIUM MG/M**2	ALUMINUM MG/M**2	COPPER MG/M**2	CADMIUM MG/M**2	ACIDITY GRAN UG/M**2	FRESH+ LAB UG/M**2
# OF SAMPLES :	97	97	97	97	97	97	97.00
MAXIMUM :	4.882	0.0628	5.589	0.9000	0.0408	6248.70	3395.1
MINIMUM :	0.014	0.0008	0.147	0.0028	0.0000	64.20	3.53
ARITH. MEAN :	0.392	0.0192	1.275	0.0594	0.0022	1619.27	650.74
ARITH. STD. DEV :	0.710	0.0148	1.062	0.1334	0.0054	1179.88	679.93
GEOM. MEAN :	0.204	0.0142	0.980	0.0310	0.0010	1195.59	304.62
1ST QUARTILE :	0.091	0.0077	0.566	0.0167	0.0004	658.96	138.90
2ND QUARTILE :	0.167	0.0142	1.078	0.0289	0.0009	1425.00	474.34
3RD QUARTILE :	0.448	0.0283	1.456	0.0490	0.0019	2129.71	1029.7
VOL. WGT. MEAN :	0.390	0.0177	1.584	0.0499	0.0020	1575.73	3114.8
MISSING VALUES :	45	11	62	47	11	4	4.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF DEPOSITION

REGION=SE

	EQUIVALENT PREC. DEPTH MM	SULFATE MG/M**2	NITRATE MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2	KJELDAHL MG/M**2	MAGNESIUM MG/M**2
# OF SAMPLES :	50.0	50	50	50	50	50	50
MAXIMUM :	149.0	477.00	67.08	42.56	27.09	66.690	14.560
MINIMUM :	4.7	8.69	0.25	1.22	2.16	2.491	0.117
ARITH. MEAN :	61.4	166.79	31.83	14.45	11.28	26.387	3.639
ARITH. STD. DEV :	31.5	120.48	16.72	11.28	5.99	16.709	3.678
GEOM. MEAN :	52.9	119.67	24.91	10.58	9.71	20.585	2.144
1ST QUARTILE :	37.3	56.55	18.43	6.62	6.45	12.510	0.980
2ND QUARTILE :	55.5	142.50	31.36	10.08	10.92	24.521	1.870
3RD QUARTILE :	79.3	273.60	45.05	20.72	14.17	35.782	6.687
VOL. WGT. MEAN :	.	176.93	33.77	15.33	11.97	27.775	3.860
MISSING VALUES :	0.0	5	5	5	5	6	5

	POTASSIUM MG/M**2	SODIUM MG/M**2	AMMONIUM MG/M**2	PHOSPHOR MG/M**2	MANGANESE MG/M**2	NICKEL MG/M**2	ZINC MG/M**2	IRON MG/M**2
# OF SAMPLES :	50	50	50	50	50	50	50	50
MAXIMUM :	6.160	14.477	51.652	1.768	1.885	0.0552	1.587	3.286
MINIMUM :	0.090	0.360	1.250	0.000	0.014	0.0009	0.111	0.171
ARITH. MEAN :	1.647	4.282	20.213	0.440	0.223	0.0179	0.543	1.161
ARITH. STD. DEV :	1.638	3.484	15.530	0.429	0.317	0.0112	0.454	0.737
GEOM. MEAN :	1.025	3.107	13.613	0.360	0.130	0.0144	0.395	0.947
1ST QUARTILE :	0.465	1.545	6.965	0.130	0.068	0.0093	0.159	0.565
2ND QUARTILE :	1.020	2.860	17.000	0.330	0.114	0.0158	0.455	1.025
3RD QUARTILE :	2.392	6.526	30.112	0.604	0.276	0.0228	0.743	1.461
VOL. WGT. MEAN :	1.747	4.543	21.442	0.463	0.243	0.0195	0.523	1.280
MISSING VALUES :	5	5	5	6	7	7	38	8

	LEAD MG/M**2	VANADIUM MG/M**2	ALUMINUM MG/M**2	COPPER MG/M**2	CADMIUM MG/M**2	ACIDITY GRAN UG/M**2	FREEH+ LAB UG/M**2
# OF SAMPLES :	50	50	50	50	50	50	50.00
MAXIMUM :	1.791	0.0596	4.497	0.3753	0.0945	10836	6671.8
MINIMUM :	0.033	0.0019	0.414	0.0115	0.0000	415.01	4.18
ARITH. MEAN :	0.399	0.0234	1.452	0.0549	0.0052	4563.54	2923.2
ARITH. STD. DEV :	0.380	0.0112	0.975	0.0714	0.0156	2435.36	1644.4
GEOM. MEAN :	0.263	0.0203	1.181	0.0396	0.0018	3733.85	2123.7
1ST QUARTILE :	0.113	0.0152	0.642	0.0255	0.0009	2883.99	1716.6
2ND QUARTILE :	0.338	0.0220	1.143	0.0373	0.0013	4737.60	2924.2
3RD QUARTILE :	0.534	0.0316	1.937	0.0594	0.0024	5872.85	3921.4
VOL. WGT. MEAN :	0.423	0.0255	1.449	0.0556	0.0056	4841.15	2470.3
MISSING VALUES :	23	7	18	26	7	5	5.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF DEPOSITION

REGION=SW

	EQUIVALENT PREC. DEPTH MM	SULFATE MG/M**2	NITRATE MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2	KJELDAHL MG/M**2	MAGNESIUM MG/M**2
# OF SAMPLES :	104.0	104	104	104	104	104	104
MAXIMUM :	186.0	934.50	117.70	177.10	115.80	627.900	33.880
MINIMUM :	5.4	16.80	4.41	1.26	1.36	4.320	0.210
ARITH. MEAN :	61.4	260.51	40.51	37.39	15.21	50.290	6.544
ARITH. STD. DEV :	38.4	202.86	23.43	34.36	13.81	74.703	5.934
GEOM. MEAN :	49.8	189.88	34.39	25.90	12.08	31.436	4.508
1ST QUARTILE :	31.5	97.58	23.80	16.20	7.00	19.000	2.400
2ND QUARTILE :	52.7	222.00	34.00	28.00	11.92	30.720	4.986
3RD QUARTILE :	85.1	345.15	50.27	46.74	18.38	58.450	7.995
VOL. WGT. MEAN :	.	263.70	41.01	37.85	15.40	50.245	6.624
MISSING VALUES :	0.0	5	5	5	5	9	5

	POTASSIUM MG/M**2	SODIUM MG/M**2	AMMONIUM MG/M**2	PHOSPHOR MG/M**2	MANGANESE MG/M**2	NICKEL MG/M**2	ZINC MG/M**2	IRON MG/M**2
# OF SAMPLES :	104	104	104	104	104	104	104	104
MAXIMUM :	27.612	31.843	134.850	14.973	1.008	0.2153	1.955	7.446
MINIMUM :	0.000	0.000	2.280	0.000	0.010	0.0021	0.018	0.076
ARITH. MEAN :	3.838	4.693	34.512	0.877	0.258	0.0323	0.451	2.155
ARITH. STD. DEV :	4.974	5.423	27.202	1.884	0.206	0.0413	0.493	1.627
GEOM. MEAN :	2.240	3.451	24.742	0.457	0.184	0.0194	0.256	1.645
1ST QUARTILE :	1.038	2.210	14.705	0.139	0.097	0.0107	0.106	0.969
2ND QUARTILE :	2.050	3.395	25.787	0.350	0.202	0.0167	0.199	1.729
3RD QUARTILE :	4.100	4.950	48.890	0.861	0.359	0.0354	0.734	2.561
VOL. WGT. MEAN :	3.884	4.751	34.930	0.876	0.256	0.0322	0.395	2.144
MISSING VALUES :	6	5	6	9	8	8	79	8

	LEAD MG/M**2	VANADIUM MG/M**2	ALUMINUM MG/M**2	COPPER MG/M**2	CADMIUM MG/M**2	ACIDITY GRAN UG/M**2	FREEH+ LAB UG/M**2
# OF SAMPLES :	104	104	104	104	104	104	104.00
MAXIMUM :	3.416	0.0940	30.696	0.8503	0.2287	18083	14105
MINIMUM :	0.050	0.0042	0.451	0.0192	0.0002	93.42	0.35
ARITH. MEAN :	0.631	0.0271	3.081	0.1216	0.0120	5232.61	3426.3
ARITH. STD. DEV :	0.788	0.0169	3.628	0.1572	0.0353	4302.69	3296.4
GEOM. MEAN :	0.331	0.0223	2.288	0.0742	0.0028	3626.51	1460.1
1ST QUARTILE :	0.122	0.0141	1.459	0.0376	0.0011	2060.79	1162.8
2ND QUARTILE :	0.284	0.0236	2.243	0.0646	0.0019	3810.60	2288.5
3RD QUARTILE :	0.840	0.0374	3.354	0.1112	0.0064	7016.56	4699.6
VOL. WGT. MEAN :	0.631	0.0270	3.089	0.1196	0.0120	5296.66	37.46
MISSING VALUES :	45	8	24	44	8	5	5.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF DEPOSITION

REGION=E

	EQUIVALENT PREC. DEPTH MM	SULFATE MG/M**2	NITRATE MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2	KJELDAHL MG/M**2	MAGNESIUM MG/M**2
# OF SAMPLES :	13.0	13	13	13	13	13	13
MAXIMUM :	157.0	507.37	50.00	35.42	43.05	391.545	6.560
MINIMUM :	4.1	18.65	4.35	0.57	1.56	3.116	0.102
ARITH. MEAN :	67.2	164.64	28.11	12.84	12.15	51.595	1.668
ARITH. STD. DEV :	42.0	134.68	16.04	10.32	11.31	107.974	1.791
GEOM. MEAN :	51.1	118.56	21.94	8.63	8.43	20.198	0.969
1ST QUARTILE :	34.4	61.40	10.00	4.21	4.46	9.005	0.395
2ND QUARTILE :	69.3	134.90	27.72	11.20	7.81	21.585	0.710
3RD QUARTILE :	96.7	231.63	41.60	18.64	16.79	37.610	2.541
VOL. WGT. MEAN :	.	164.64	28.11	12.84	12.15	53.959	1.668
MISSING VALUES :	0.0	0	0	0	0	1	0

	POTASSIUM MG/M**2	SODIUM MG/M**2	AMMONIUM MG/M**2	PHOSPHOR MG/M**2	MANGANESE MG/M**2	NICKEL MG/M**2	ZINC MG/M**2	IRON MG/M**2
# OF SAMPLES :	13	13	13	13	13	13	13	13
MAXIMUM :	28.413	23.062	221.760	19.750	0.951	0.0512	1.243	5.489
MINIMUM :	0.000	0.000	1.681	0.000	0.016	0.0016	0.097	0.175
ARITH. MEAN :	3.951	4.455	32.802	2.031	0.252	0.0192	0.385	1.290
ARITH. STD. DEV :	7.962	5.920	60.401	5.611	0.243	0.0143	0.432	1.421
GEOM. MEAN :	1.315	3.032	14.142	0.467	0.160	0.0139	0.259	0.869
1ST QUARTILE :	0.232	1.266	8.046	0.077	0.074	0.0074	0.115	0.590
2ND QUARTILE :	1.112	2.952	15.790	0.272	0.273	0.0160	0.248	0.807
3RD QUARTILE :	4.654	5.275	27.707	0.551	0.317	0.0299	0.575	1.585
VOL. WGT. MEAN :	4.132	4.455	34.305	2.124	0.252	0.0192	0.371	1.266
MISSING VALUES :	1	0	1	1	0	0	7	1

	LEAD MG/M**2	VANADIUM MG/M**2	ALUMINUM MG/M**2	COPPER MG/M**2	CADMIUM MG/M**2	ACIDITY GRAN UG/M**2	FREEH+ LAB UG/M**2
# OF SAMPLES :	13	13	13	13	13	13	13.00
MAXIMUM :	1.604	0.2355	8.884	0.3124	0.0241	8417.76	5693.5
MINIMUM :	0.290	0.0045	0.608	0.0157	0.0001	656.00	3.10
ARITH. MEAN :	0.695	0.0442	2.273	0.0967	0.0037	4208.27	2266.1
ARITH. STD. DEV :	0.567	0.0596	2.936	0.0884	0.0063	2492.34	1752.5
GEOM. MEAN :	0.545	0.0279	1.498	0.0696	0.0018	3430.83	823.29
1ST QUARTILE :	0.303	0.0148	0.967	0.0368	0.0009	2051.50	868.00
2ND QUARTILE :	0.365	0.0277	1.130	0.0731	0.0018	4032.00	2162.6
3RD QUARTILE :	1.251	0.0432	1.640	0.1158	0.0033	6272.76	3509.8
VOL. WGT. MEAN :	0.570	0.0442	1.654	0.0819	0.0037	4208.27	3774.3
MISSING VALUES :	8	0	6	4	0	0	0.00

^Z